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The
CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

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OCTOBER 28, 1933

Annual Subscription (with
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A PRODUCT OF THE MAKERS OF ELASTOPLAST

'LUMINAL' BRAND TABLETS

APOLOGY :

To Bayer Products, Ltd.,
London.

C.S. R,
Cash Pharmacist,
H..... Road,
E.....

Sept. 20th, 1933

Dear Sirs,

I desire to express my regret that in making up prescriptions which called for 'Luminal' brand tablets, I have supplied tablets which are not in accordance with the prescription, and I hereby undertake that I will not again, when 'Luminal' tablets are called for, supply any tablets which are not of your merchandise, and that I will refrain from committing any action which will amount to an infringement of your registered trade mark 'Luminal.'

It is understood that, in consideration of my giving this apology, you will refrain from taking proceedings against me, and you are at liberty to make use of this apology and undertaking in such manner as you may think fit.

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(Signed) C.S. R.....

'Luminal' is the registered trade mark of Bayer Products denoting their Brand of Phenobarbitone.

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In the interests of doctors, patients, and chemists, as well as ourselves, we will take rigorous action in the case of substitution.



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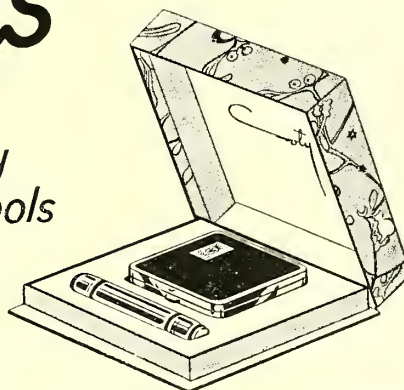
GOOD LUCK

Coffrets

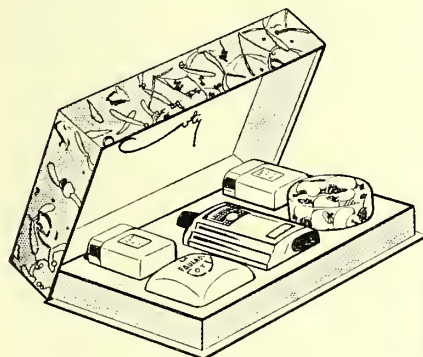
*Every Coffret gay
with 'Good Luck' symbols*



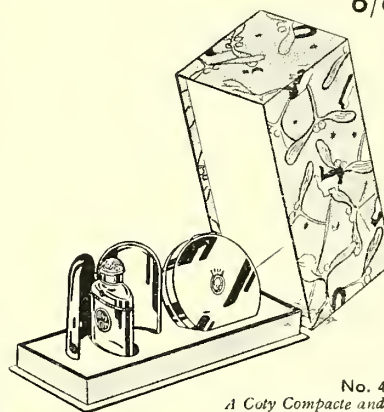
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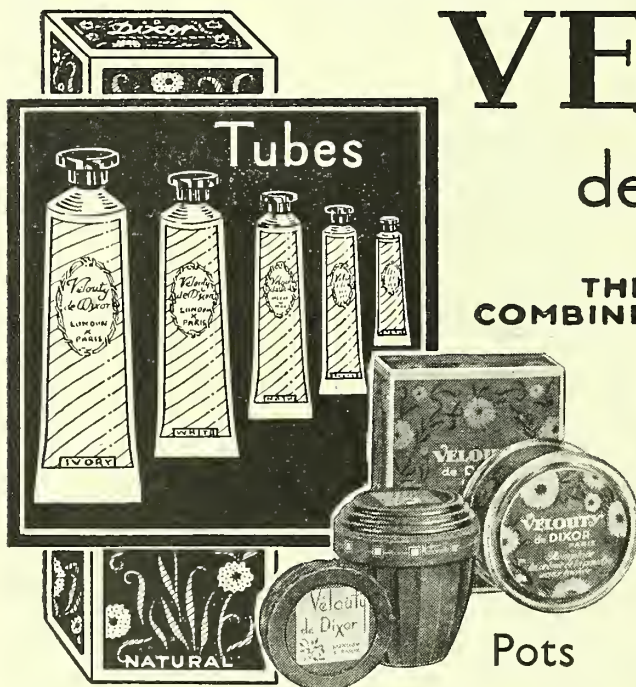
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new series of beauty preparations

lotions
3'6 & 6'-
(two sizes of each)



creams
3'6 & 6'-
(two sizes of each)



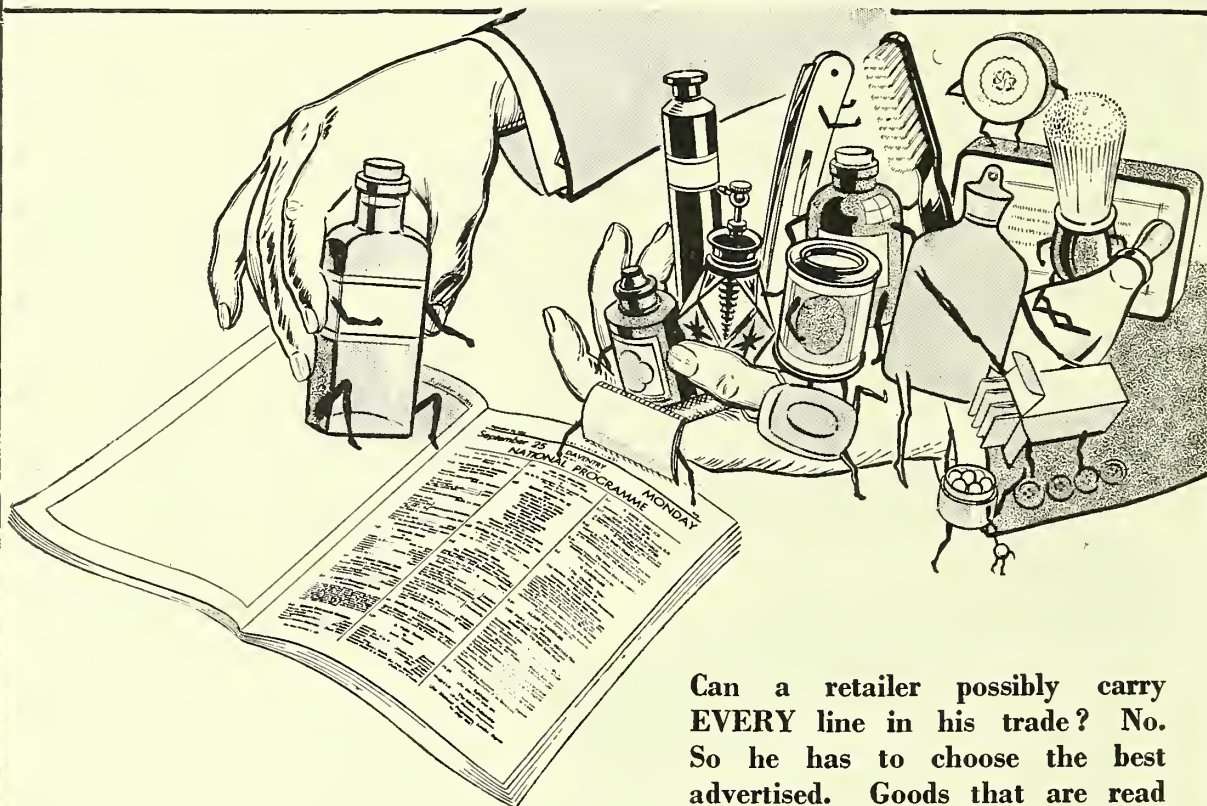
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a scientific study of cosmetics and their functions

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"Bottled Sunlight"

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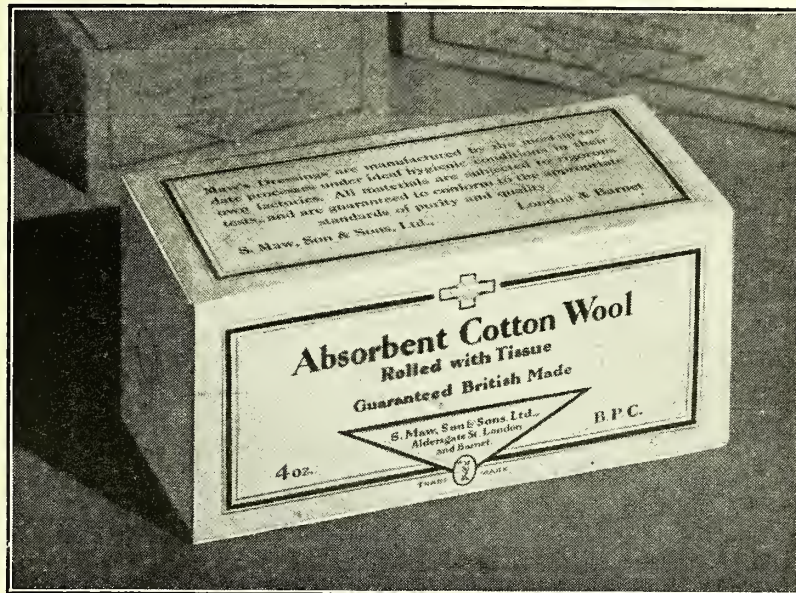
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—are so convenient

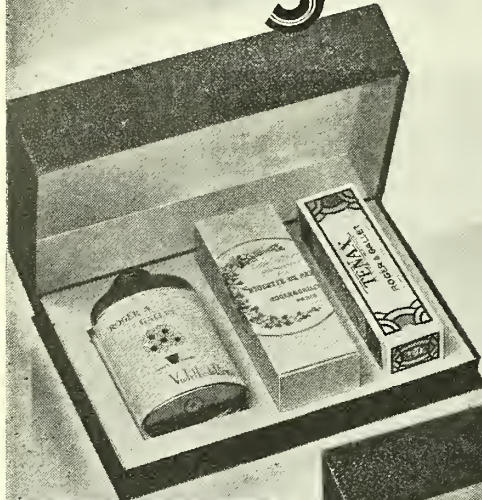


Cartons are decidedly the most convenient form of packing for Surgical Dressings. ¶ They are convenient and useful to your customers. They enable them to use part of a Dressing and place the remainder neatly and easily back into the carton until again required. ¶ They are convenient to yourself, inasmuch as cartoned Dressings pack better and are easier to stock. ¶ Impressive displays are more convenient to make, and orderly and attractive window shows are possible with less trouble. All these advantages are available in Maw's cartoned Dressings, and in addition you have Maw's guarantee of quality—uniformity of design—reasonable prices—and generous bonus terms. ¶ What further points are necessary to convince you that it pays to stock and sell Maw's cartoned Dressings?

S. MAW, SON & SONS, LTD.
7/12 Aldersgate Street, London, E.C.1

Surgical Dressings Manufacturers

Roger & Gallet's



No. 7. GENTS' COFFRET
 1 Large Tube Shaving Cream
 1 Tube Tenax Hair Fixer
 1 Talc.
 Retail **5/9**
 Perfumes { Violette de Parme
 Carnation



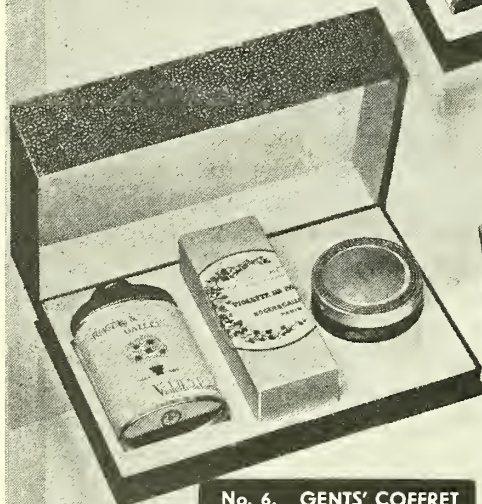
No. 5. COFFRET COLOGNE
 1 Box Face Powder
 1 Perfume
 1 Talc
 Retail **9/9**



No. 8. GENTS' COFFRET
 1 Shaving Milk
 1 Talc
 1 Solid Brilliantine
 Retail **6/9**
 Perfumes { Violette de Parme
 Carnation



No. 1B. COFFRET
 1 Box Face Powder
 1 Handbag Perfume
 Retail **6/6**
 Perfumes { Le Jade
 Pavots d'Argent
 Feu Follet



No. 6. GENTS' COFFRET
 1 Large Tube Shaving Cream
 1 Solid Brilliantine in Glass Jar
 1 Talc.
 Retail **6/-**
 Perfumes { Violette de Parme
 Carnation



No. 3B. COFFRET
 1 Box Face Powder
 1 Tube Day Cream
 1 Tube Night Cream
 Retail **4/6**
 Perfumes { Le Jade
 Pavots d'Argent
 Feu Follet
 Cologne

Quality Coffrets

Make a Perfect Gift

Your professional reputation is built on personal integrity and your discrimination for quality. By selling Roger & Gallet you are selling quality, adding to your prestige and building up a clientele that will always be satisfied



No. 4B COFFRET
 1 Box Face Powder
 1 Tin Talc
 Retail **5/-**
 Perfumes { Le Jade
 Pavots d'Argent
 Feu Follet
 Cologne



No. 2F. COFFRET
 1 Box Face Powder
 1 Handbag Perfume
 1 Tube Day Cream
 1 Tube Night Cream
 Retail **6/-**
 Perfumes { Violette de Parme
 Carnation
 Sweet Pea



No. 1F. COFFRET
 1 Box Face Powder
 1 Handbag Perfume
 Retail **4/6**
 Perfumes { Violette de Parme
 Carnation
 Sweet Pea



No. 2B. COFFRET
 1 Box Face Powder
 1 Handbag Perfume
 1 Tube Day Cream
 1 Tube Night Cream
 Retail **8/-**
 Perfumes { Le Jade
 Pavots d'Argent
 Feu Follet

Roger & Gallet guarantee that all their Perfumes, Eaux de Cologne, Toilet Waters, Hair Lotions, are prepared with the best, purest, potable, dutiable S.V.R. spirit obtainable, and not with methylated nor any other industrial spirits known as "DUTY FREE"

ROGER & GALLET (LONDON) LTD.

1 LECHMERE ROAD, LONDON, N.W.2

LONDON and PARIS

Mercolized Wax

for the Complexion

Extensively Advertised. Always in Demand

There is no risk in holding full stocks.

Every woman is a potential buyer.

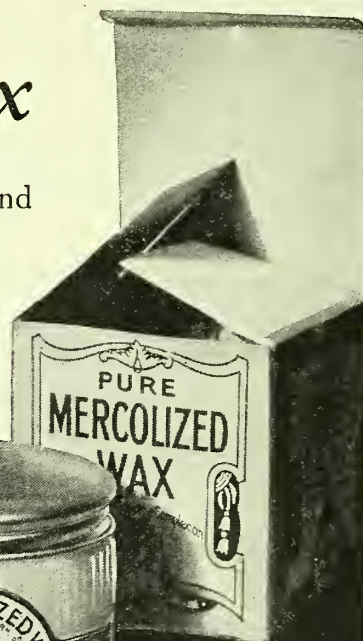
Sales are regular and repeats certain.

Stallax

*a Shampoo—also popular,
and shows a handsome profit*

Dearborn
(1923) Limited

37 Gray's Inn Rd. London. W.C.1.



Telephone,
Holborn. 9669

The Public are Calling
for

PETAL DUST

*"Wherein the subtle savour of the Flowers
sublimely dwells."*

THE GREAT FLORAL AIR PURIFIER

A Trial will convince you that—

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

Retails in packets at 4d. and 8d. each.

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or
from Sole Producers:—

The Rosmarine Manufacturing Co.
LONDON, S.E.1.

PRICE REDUCED

KOLYNOS The Antiseptic
Dental Cream

NOW 1/-

(Same as formerly 1/6)

Also New large size 1/9

Ask for Showcards featuring PRICE REDUCTION

**"ODENTIC"
PLATE
BRUSH**

Regd. No. 417637.



From all
Wholesalers.

Manufacturers.

W. R. Speer & Son (EST. 100 YEARS)
215 DALSTON LANE - LONDON, E.8

FOR A PROMINENT WINDOW DISPLAY OF CUTEX GIFT SETS

and other Cutex Manicure Requisites

WE WILL GIVE FREE

6 only 1/6 Cutex Liquid Polishes, assorted in Display Stand, with order to the value of 50/-.

12 only 1/6 Cutex Liquid Polishes, assorted in Display Stand, with order to the value of 100/-.

Value 9/- and 18/- respectively.

PLUS Display Allowances of 5% and 7½% respectively.

Below are illustrated three of the new Cutex Gift Sets. No. 16, Compact, at 2/6, No. 19, "Five Minute," at 5/-, both superlative value, and No. 17, Travelling Set, at 8/6, in the novel "Camera" Cases—added thereto is the No. 71, Club Kit, in Black, Tan, Powder Blue, and Red, at 17/6 each, trade price 156/- per dozen.

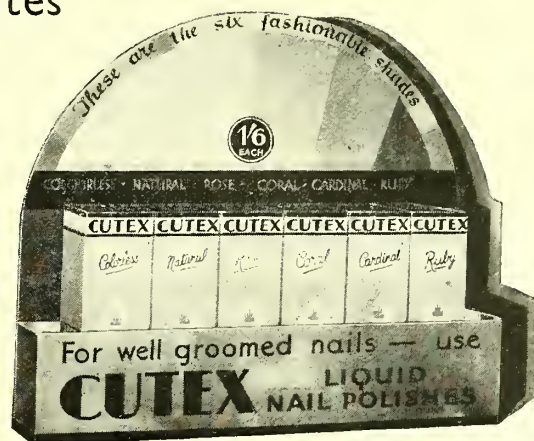


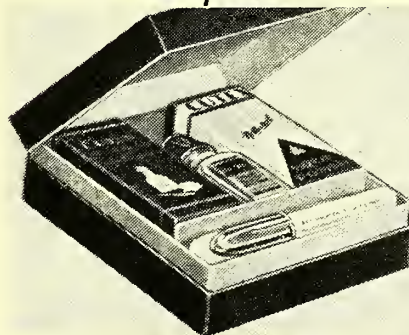
Illustration in monochrome of novel multi-colour Counter Display Stand, showing half-dozen 1/6 Cutex Liquid Polishes—presented gratis as stated.

Make your selection from the P.A.T.A. list or ask immediately for Coloured Set Sheet and order form from Sole Selling Agents hereunder.

THIS 41% CUTEX BONUS OFFER CLOSES NOV. 15

Every order will be accompanied by one or two of these unique business-compelling Display Stands, showing half-dozen assorted liquid polishes, whilst they last.

The 2/6 Gift



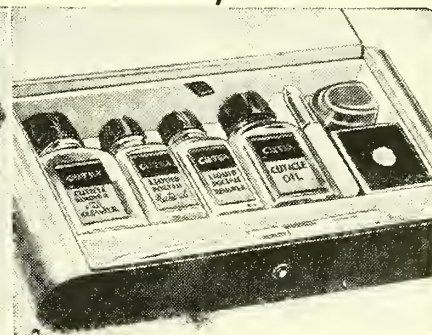
SET No. 16. Cutex Compact Set, black and cerise, containing Cutex Liquid Polish and Polish Remover, Cutex Cuticle Remover and Nail Cleanser, Nail White Pencil, emery boards, orange stick, steel file. 22/6 doz., to retail at 2/6 each.

The 5/- Gift



SET No. 19. Cutex Five-Minute Set, black bakelite case containing Cutex Liquid Polish and Polish Remover, Cutex Cuticle Remover and Nail Cleanser, Nail White Pencil, emery boards, orange stick. 45/- doz., to retail at 5/- each.

The 8/6 Gift



SET No. 17. (Shown both open and closed) Travelling Set (open). Novelty Folding "Camera," containing Cutex Liquid Polish and Polish Remover, Cutex Cuticle Remover and Nail Cleanser, Nail White Pencil, emery boards, Cuticle Oil, orange stick, steel file, finger rest. 75/- doz., to retail at 8/6 each.

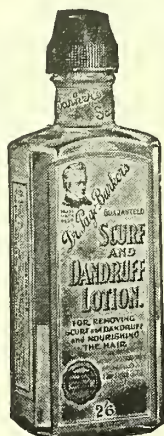
Sole Wholesale Distributors:

J. C. GAMBLES & CO. LTD., 211-12 BLACKFRIARS ROAD, LONDON, S.E.1

THERE IS NOTHING LIKE

Dr. Page-Barker's

FOR SCURF AND DANDRUFF

Known and Sold Everywhere**THE GUARANTEED LOTION**

18/- doz. P.A.T.A. 2/6

Bonus of three 2/6 Bottles with each 3 dozen

**THE POMADE**

1/6 size, 10/- doz. 2/6 size, 15/- doz.

Three Bonus with every 3 dozen

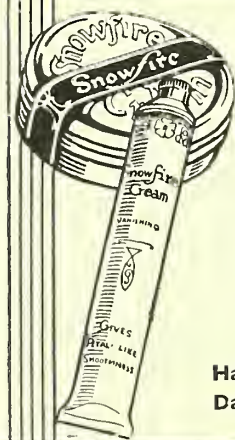
SPECIALLY FOR
DRY SCALPS

SHOWCARDS WITH EVERY ORDER.

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THOS. CHRISTY & CO., 4-12 OLD SWAN LANE, LONDON, E.C.4.

★ The 'STAR' of popular
priced face creams



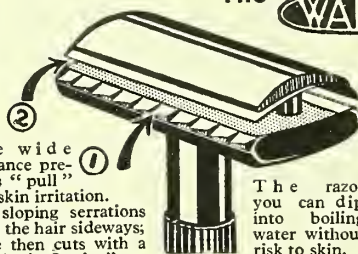
Snowfire Cream—always in demand from regular customers, always making new friends—a most profitable line to handle. Stock it—show it—recommend it—quick sales and a large, rapid turnover will reward you.

Handbag Containers - 3d.
Dainty Tubes - 6d. Retail

SNOWFIRE
Vanishing CREAM

Manufactured by
F. W. HAMPSHIRE & CO. LTD., Sunnydale Works, Derby.

The World's Most Marvellous Razor!

The **WARDONIA**

The wide clearance prevents "pull" and skin irritation. The sloping serrations bend the hair sideways; blade then cuts with a "Barber's Stroke."

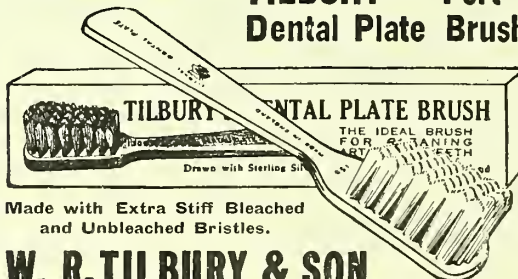
The razor you can dip into boiling water without risk to skin.

Sensational, incomparable, miraculous. Works wonders with the stiffest beard. Generous supply of sales-creating display showcards, cut-outs, etc., FREE. Order NOW—or send for list and trade terms.

Sole Makers:

Thomas Ward & Sons, Ltd., Wardonian Works, Sheffield, Eng.

Established 1880.

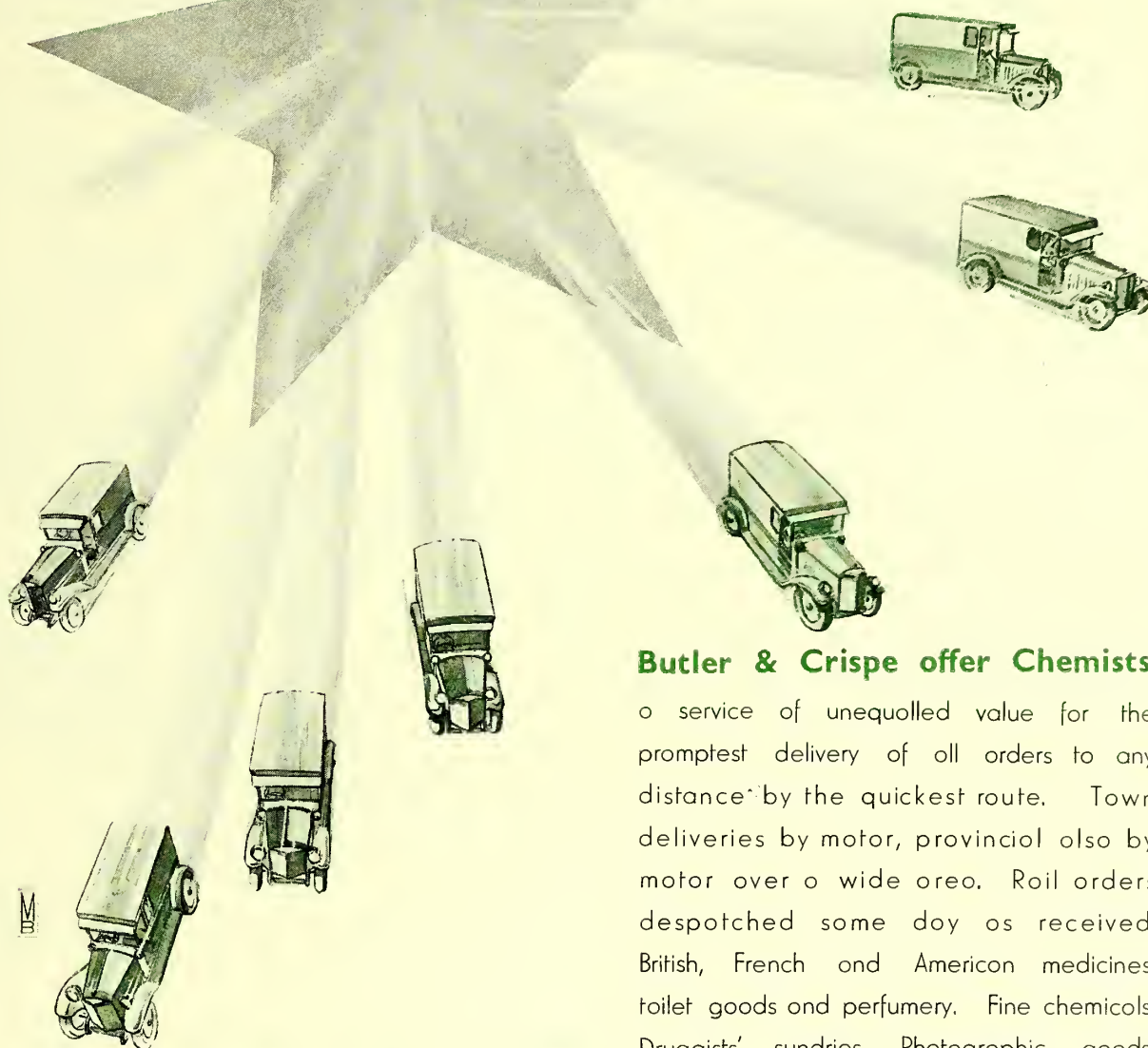
TILBURY "Fort"
Dental Plate Brush

Made with Extra Stiff Bleached and Unbleached Bristles.

W. R. TILBURY & SON

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NO BETTER PRICES**



Butler & Crispe offer Chemists

a service of unequalled value for the promptest delivery of all orders to any distance by the quickest route. Town deliveries by motor, provincial also by motor over a wide area. Rail orders despatched some day as received. British, French and American medicines, toilet goods and perfumery. Fine chemicals. Druggists' sundries. Photographic goods.

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Established 1777

'Phone: Clerkenwell 2661 (14 lines)

'Grams: Alluwant, Smith, London

Cables & Marconigrams: Alluwant, London

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Everyone knows Beecham's Pills. The success of Beecham's Powders is beyond dispute.

NOW

BEECHAMS
BRAND

The success of Beechams Lung Syrup rests upon the same solid foundation. Its efficacy in banishing **COUGHS, COLDS, BRONCHITIS** and other **RESPIRATORY TROUBLES** is really outstanding.

We are embarking **AT ONCE** on a Bold, Forceful, Compelling advertising scheme, covering the foremost papers in the land. The public response will **BE IMMEDIATE.** Provide yourself with adequate stock. Take advantage of the special bonus arrangements printed on the right. **ORDER NOW.**

BEECHAMS PILLS LIMITED

SPECIAL TRADE BONUS

**UNIQUE OPPORTUNITY OF
PURCHASING ALL BEECHAM
PRODUCTS ON EXTRA
BONUS DISCOUNT
TERMS**

LUNG SYRUP

To introduce Beechams Lung Syrup, we are offering for the next 7 days the following Special Extra Discounts on all Beecham Products :—

5% Bonus Discount on Beecham's Pills

5% Bonus Discount on Beecham's Powders

5% Bonus Discount on Beechams Lung Syrup

Minimum assorted order 50/- which must include one dozen Beechams Lung Syrup. Larger parcels pro rata. Your average profits will then be over 35% on your turn-over, and more than 50% on your outlay.

These Bonus Parcels can be obtained either direct or through your wholesaler. All goods carriage paid. All Beecham products are protected under P.A.T.A. Regulations. Closing date for Bonus Offer, November 6th. ORDER NOW.

ST. HELENS, LANCASHIRE

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ENGLISH WALLFLOWER

This exquisite perfume, full of charm and reminiscent of Spring, is a proven repeater and profitable to handle.

We have included in this Series a magnificent range of Gift Caskets, and the striking artistic elegance of these Coffrets in the dainty harmonious colour schemes have an irresistible eye appeal—test this yourself by making a display.



X 52

Contents: 2 Wrapped tablets of Toilet Soap, Compact Powder and stoppered bottle of Perfume. Retail at 5/6.

We have a large range of Gift Cases all charmingly presented, of the highest quality, and yet inexpensively priced.

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O 23

Contains jar of Bath Crystals, Wrapped Bath Soap and jar of Talc. Retail at 4/6.

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THE CHEMISTS' HOUSE SINCE 1777
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put this card on
your counter and
you will marvel how
quickly they will sell
your discriminating
customers will value
a 1/- line

from all wholesalers or direct

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LONDON, W.1

PHONE : WHITEHALL 8633

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are reading about the wonderful value
of the **NEW Improved 'LAUREL'**

Retails
1½d.
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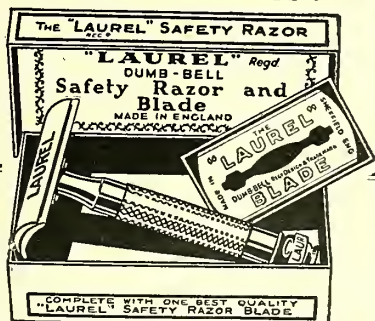
**DUMB-BELL Regd.
Razors & Blades**

Are you ready to supply?

PACKET OF
4 for 6d.

Order your Stock
to-day.

COMPLETE
OUTFIT
FOR
6d.



Geo. H. Lawrence Ltd. Laurel Wks., Nursery St., Sheffield

THE MOTORIST'S SOAP



Those who know the
inconvenience of dirty
hands, after attending to
the car, will appreciate this really wonderful
invention.

Its copious lather, penetrating every wrinkle,
removes dirt and grease in a flash, leaving the
hands smooth, soft, and quite clean.

Invaluable to Motorists, Engineers, and all those
whose work brings their hands into contact with
oil and grease.

Packed in three tablet boxes, price 9/- per
dozen boxes. Retail 1/6 per box.


MADE BY
R. F. WHITE & CO. LTD.

Toilet Soap Experts

Mitcham

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Surrey



EUCRYL DENTIFRICES

EUCRYL TOOTH POWDER
EUCRYL TOOTH PASTE
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A FAST MOVING LINE
 Estd. 1900

Continuously Advertised
 Quick Sales - Large Profits

**BRITISH OWNED
 BRITISH MADE**

EUCRYL LTD. Manufacturing Chemists
 SOUTHAMPTON

Bought on Display Terms Yield:

43% PROFIT ON SELLING PRICE
75% PROFIT ON BUYING PRICE

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125% PROFIT

SELL AT 1/6 DOZ.

15 1/6% gross
100% PROFIT

SELL AT 2/6 DOZ.

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SELL AT 1/4 DOZ.

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BRITISH-MADE AND BEST OF ALL.
 Made from first quality steel by improved method guaranteeing super-keen edge. Over a hundred million sold to date. No better blade obtainable at any price.

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The super-quality Blade which fits every kind of slot, stud or 3-peg razor holder.

'CONQUEROR' BLADES

Knock-out value in a PENNY Blade. Unquestionably the finest blade obtainable at the price. Best silver steel used.

Samples and attractive showcards free. Leading wholesalers stock all blades. For direct supplies send P.O. or Cheque to

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Blades also made under customer's own name—
 state quantity.

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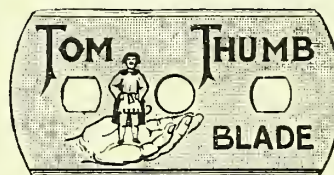
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Each
 Retail

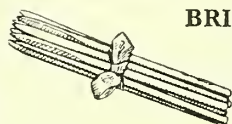
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Supplied on cards or
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NATIONALLY ADVERTISED

Splendid Show Material available.
 Write to-day for Samples and Prices.
W. J. YVONNE et Cie, Ltd., 8a Lord St., LIVERPOOL
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QUALITY PRODUCTS

to meet a **LOW PRICE DEMAND**



Olde English Lavender TOILET REQUISITES

There is an enormous turnover of low-priced toilet articles. The chemist who regularly displays Cussons' Lavender Series taps a source of steady and recurring profit.

Liquid Brillian-
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KERSAL VALE
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Shaving Soap Retail **6d.**
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| 1 doz. 1/3 Manicure Sets ... | 5 0 | 7 6 |
| 1 1/2 doz. 6d. Nail Varnish ... | 6 0 | 9 0 |
| (1/2 doz. Natural) | | |
| (1/2 doz. Colourless) | | |
| (1/2 doz. Rose) | | |
| 4 only 6d. Nail Varnish Remover | 1 4 | 2 0 |
| 1/2 doz. 6d. Cuticle Fluid ... | 2 0 | 3 0 |
| 2 only 3/6 Manicure Sets ... | 4 8 | 7 0 |
| | £1 7 0 | |
| 8 only 6d. Nail Varnish (Natural) ... | FREE | 4 0 |
| | £1 7 0 | £2 4 6 |
| Less 10% 30 days | 2 8 | |
| | £1 4 4 | £2 4 6 |

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Send your order to-day
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St., W.C. 2, or your
usual wholesaler.

Available until NOVEMBER 30TH

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Harringtons

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AND BABY GOODS
ARE NOW OFFERING

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BABY SOAP

Trade 1/3 per box (3 Tablets). Retail 7 1/2 d. per Tablet.

For many months Harringtons employed all the resources of scientific research to discover a soap free from soda or injurious chemicals: Cleansing and soothing when used on the skin of the youngest baby, yet suited for washing those tiny garments which must always be clean and soft for contact with his sensitive little body. Made under the strictest supervision to Harringtons exclusive formula. Harringtons Baby Soap is the finest soap that has ever been offered for nursery use.

Harringtons

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Trade 8/- per dozen tins. Retail 1/- per tin.

Prepared from the purest materials, scientifically blended and made under the strictest supervision to Harringtons exclusive formula and stands alone as the Best for Baby.

Special offer to the Trade until 15th November, 1933.

4 boxes of Soap (12 tablets) for 4/6.

12 tins of Powder for 7/6 or multiples thereof.

HARRINGTONS (LONDON) LTD.

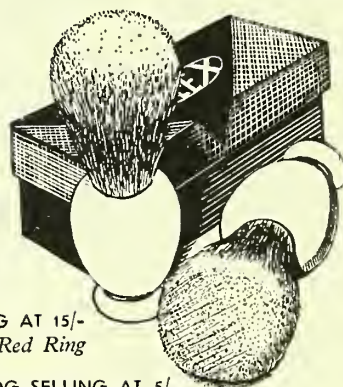
137 Cheapside, London, E.C.2

National: 2166

Telegrams: "Babydom," London

Now in the Halex Range

—HALEX
SHAVING
BRUSHES
—GOOD!

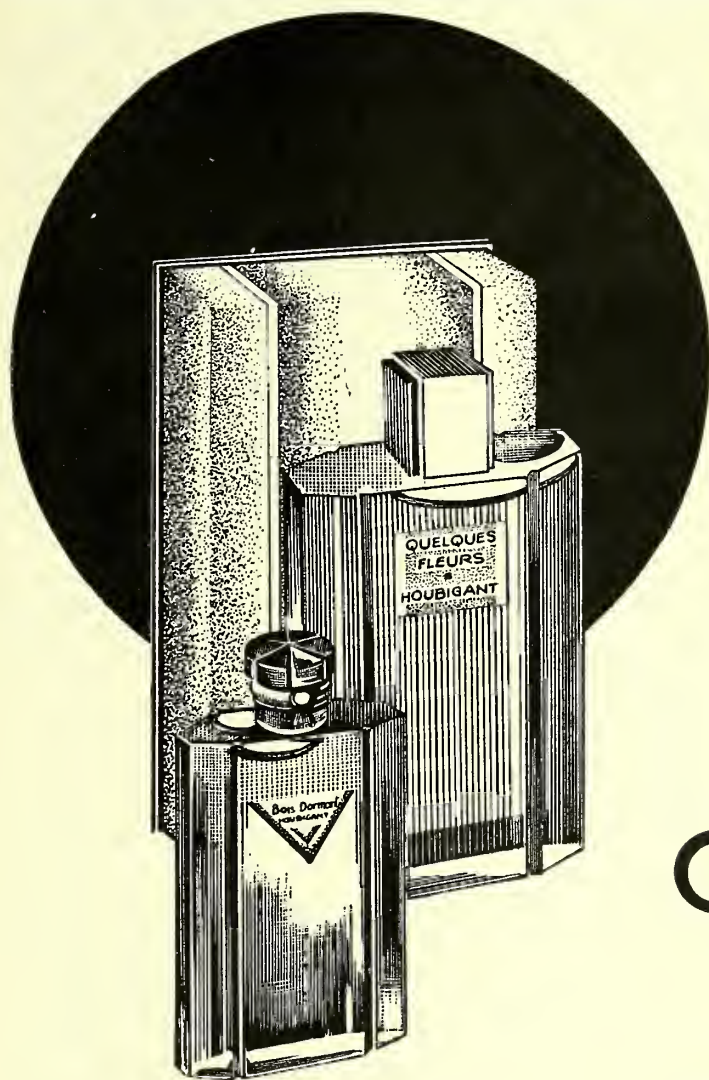


PURE BADGER SELLING AT 15/-
Red Ring

PURE STAINED HOG SELLING AT 5/-
Blue Ring

All, and more than all, that a shaving brush should be—knot bound, pure badger or pure hog bristles that don't come out, handy handles free from crevices, attractive boxes, attractive profits, and the public welcomes and trusts a brush named "Halex." Order please!

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PERFUMES
FOR
CHRISTMAS
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DAINTY FLACONS . . 4/6, 7/6, 10/6, 12/6, 21/-, 27/-, 52/-

GIFT SETS 7/6, 12/-, 13/6, 15/6

VANITY CASES . . 7/-, 8/-, 9/-, 12/-, 24/-, 27/6

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The Chemists' Dye Specialists
Kendal, Eng.

*Always recommend—***LUTON Straw Hat Dyes****AURORAL Cold Water Dyes****WINNER Home Dyes****WINNER Stocking Dyes****SPECIAL PRICES AND TERMS FOR EXPORT****LIVERPOOL SCHOOL OF PHARMACY***Principal:*

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Students are booked for the
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An up-to-date book of reference containing concise and easily-found information on the clinical use of modern chemicals and drugs—characters, dosage, methods of prescribing, etc. The Posological Index contains over 12,000 items.

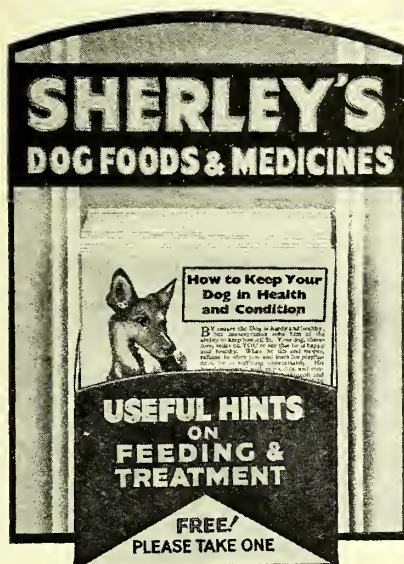
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Pharmaceutical Journal, Oct. 15th, 1932, says: "It is impossible to imagine, even in this time of financial stringency, any dispensary bookshelf being complete without it."

Descriptive leaflet on request.

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E**P**



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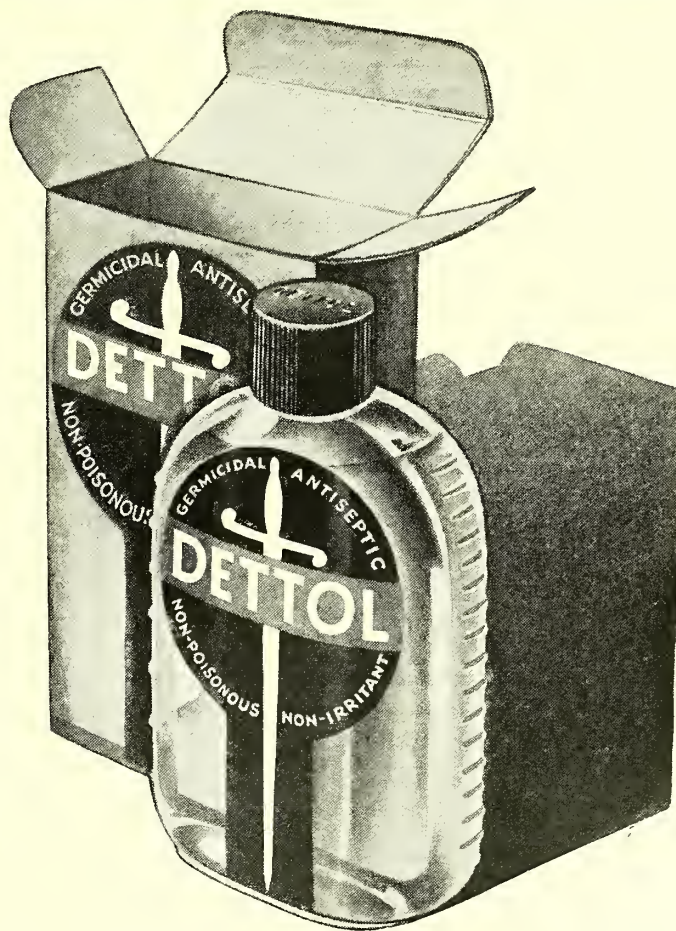
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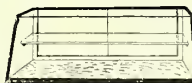
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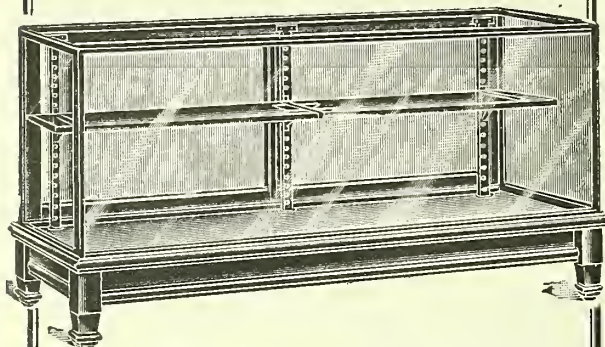
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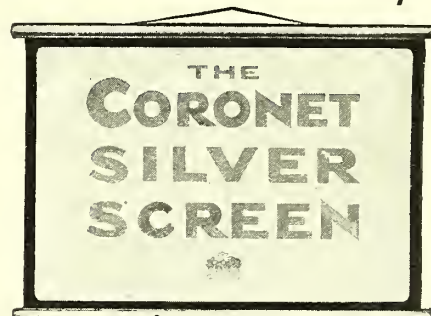
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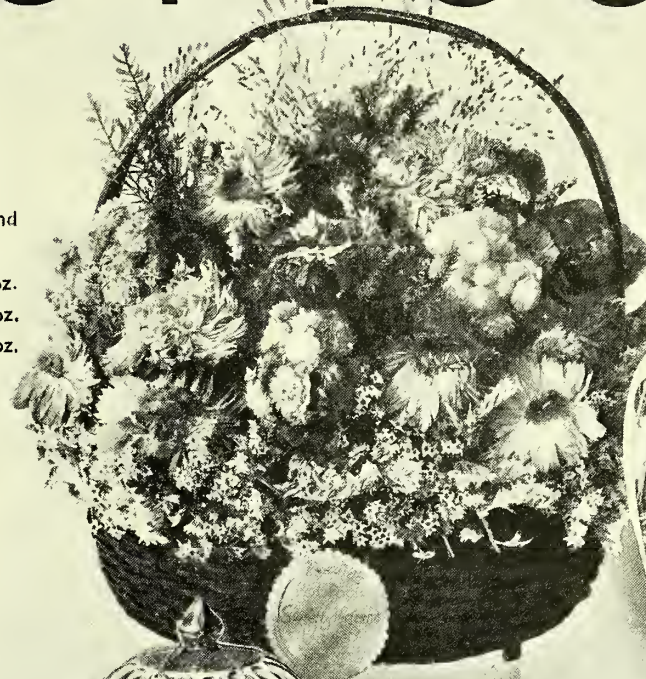
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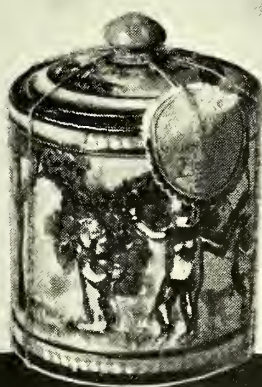
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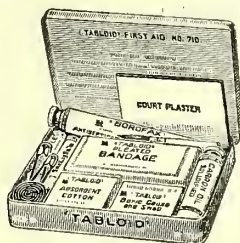
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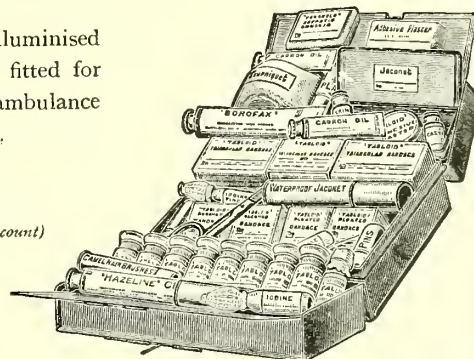


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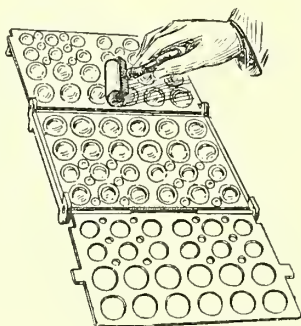


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News of the Week

Key Industries—Exemption Applications

The Board of Trade give notice that they have received applications, made under Section 10 (5) of the Finance Act, 1926, for orders exempting the following articles from liability to duty under Part I of the Safeguarding of Industries Act, 1921 (Key Industries):—

Amino guanidine sulphate.
Butyl acetyl ricinoleate.

Communications should be addressed to the Principal Assistant Secretary, Industries and Manufactures Department, Board of Trade, Great George Street, S.W.1, on or before November 24, 1933.

Boots No. 1,000

London and Galashiels were associated by radio on October 19, when the thousandth retail branch of the Boots organisation was formally opened by Florence Lady Trent, widow of the founder of the business, who pressed a button at the Savoy Hotel, Strand, W.C.2, during a luncheon presided over by her son, Lord Trent, chairman of Boots Pure Drug Co., Ltd. After a speech by the Provost of Galashiels, the first customer was heard entering the shop, and her order for a jar of cod-liver oil and malt and the tinkle of the money she placed on the counter were relayed to London. The branch stands at the corner of Channel Street and Park Street, Galashiels. The site had for more than forty years been derelict. Other speakers at the Savoy function were Viscount Leverhulme, Viscount Mersey, Viscount Wolmer, Mr. A. V. Alexander and Sir Francis Goodenough. About the same time a luncheon was held in the Douglas Hotel, Galashiels, at which Mr. John Boyd, territorial general manager, presided over a large

company. It was stated that Messrs. Boots now employ 17,000 men and women, of whom about 11,000 are in the retail shops.

Manchester

An important meeting has been called by the Manchester and District Branch of the Photographic Dealers' Association, to be held at the Grand Hotel on Monday, October 30, at 8.30 p.m. The agenda includes the election of twelve members of Council, a secretary and a treasurer, and the transaction of any other business.

The annual general meeting and dinner of the Manchester and District Pharmaceutical Masonic Association was held on October 11 at the Masonic Temple, Manchester, Wor. Bro. Bridgford in the chair. The following officers were elected:—*Bro. R. L. Balf*; *Vice-Chairman*, Bro. A. Wild; *D.C.*, Bro. W. I. McCutcheon; *A.D.C.*, Bro. Bridgford; *Hon. Sec.*, Bro. A. Newton; *Committee*, add, Bro. A. E. Glyne; *Steward*, Bro. I. R. Lateward. A donation was voted to the Benevolent Fund of the Pharmaceutical Society. A special toast was given to Wor. Bro. Arnfield in recognition of the honour conferred on him by his promotion to Grand Lodge. The usual toasts were honoured.

"Shops that are to let," writes a correspondent, "represent a loss of rent, rates, taxes and trade, contribute to unemployment, and—what is most important—cause people to go where the crowds are greater. It would be better for everybody if the rating authority in such circumstances were to say in effect to the landlord: 'If you can't rent the premises for ordinary trading purposes, then allow the windows of the shops to let to be used only for display purposes, and thus preserve the shopping amenities of the neighbourhood.' Man-

chester has consented to do this. It has agreed to levy rates only on the nominal rent paid for the temporary use of the windows, provided that no goods are stored in the empty shop, there is a 'To Let' notice on the shop window, and no sales are made from the premises. That is a useful concession."

The chairman and secretary of the Manchester Pharmaceutical Association (Junior Branch) write:—"May we be permitted through the medium of your journal to draw the attention of the members of the Manchester and Salford Branch of the Society, the Manchester Pharmaceutical Association, and particularly past students of the old Manchester College of Pharmacy residing in Manchester and District, to the visit of Mr. Harold Davis to Manchester on November 2. Less than ten years ago Mr. Davis was a student of Mr. Brindle's at 292 Oxford Road, and after a brilliant career as a lecturer at Swansea, is now head pharmacist at the University College Hospital, London, and a member of the Society's Board of Examiners. Mr. Davis will lecture on 'Sterilisation,' and we urge all who possibly can to attend this meeting at the Victoria Hotel on November 2 at 8.30 p.m. and give Mr. Davis a rousing reception."

Miscellaneous

RAT WEEK begins on November 6.

FIRE.—An outbreak of fire occurred on October 17 at the premises of Mr. L. H. Snow, chemist and druggist, High Street, Marlow. Although the flames were soon under control, considerable damage was done to the stock and fittings.

FOOD AND DRUGS (ADULTERATION) ACT.—At Lambeth Police Court, London, recently, Alfred Ball, Beresford Street, S.E., was fined £3 for having sold vinegar deficient in acetic acid to the extent of 72 per cent. At the same court William Willmott, Lucas Road, S.E., was similarly fined 20s., the deficiency in this case being 17.5 per cent. Each defendant was ordered to pay 21s. costs.

BOUND OVER.—At Marlborough Street Police Court, London, on October 23, Edward Bourke (25), described as a labourer, was bound over on a charge of stealing goods value 8s. 6d. from the pharmacy of Gould & Co., North Audley Street, W.1; an order for restitution was also made.—At Heckmondwike, a series of window slashings, involving damage to the extent of about £277, had a sequel at the local police court on October 23, when an unemployed lad was summoned. Among the victims were Messrs. Barker (damage £18 10s.) and Taylors Drug Co., Ltd. (£22 8s.). The lad was bound over.

PHOTOGRAPHIC DEALERS' ASSOCIATION.—A meeting of the Portsmouth and District Branch of the Photographic Dealers' Association was held on October 17 in order to re-form the local branch. Councillor W. J. Lewis, chemist and druggist, presided, and was supported by Mr. J. Thompson, president of the P.D.A., and Mr. W. J. Deeks, chemist and druggist, Shanklin. A strong committee was formed with Councillor W. J. Lewis as chairman, Mr. J. C. Thompson, vice-chairman, Mr. W. R. Atterly, treasurer, and Mr. F. H. Ruoff, secretary. It was decided to hold another meeting during November, the committee in the meanwhile to draw up rules and define an area for the Branch.

AN OLD TRICK REVIVED.—"The Grocer" of October 21 states that a trickster is now busy in South-West London, and that the police have issued a warning to tradesmen over a wide area. The trickster's method is to telephone for a small quantity of goods to be delivered at an address in the locality as quickly as possible, and he asks for change for a £1 note to be sent with the goods, as he will then pay the messenger on delivery, but has only a £1 note to tender. The errand-boy is met by the man outside the house mentioned in the order. He immediately asks the boy if he has brought the particular goods for him and mentions the name of the firm. He then gives the boy a sealed envelope addressed to the firm and marked "£1 note," and takes the goods and the change. When the messenger arrives back at the shop the envelope is found to contain another

envelope. Meantime the man, the goods and the change have disappeared.

CATHOLIC PHARMACEUTICAL GUILD.—A meeting of the Catholic Pharmaceutical Guild was held on October 15 in the Sodality Hall, Mount Street, London, W.1, lent by Father R. H. J. Steuart, S.J. It was announced that the Opticians' Guild had been approached with the object of the production of a combined Bulletin of the two Guilds, and this proposal is now under consideration by the Opticians. It was stated that Mr. B. Murphy had sustained a bereavement in the death of his father. The acting secretary undertook to convey a letter of condolence and promise of prayers to Mr. Murphy. There followed an interesting talk on a "Pilgrimage to Rome" by Mr. J. Walsh. Miss Soudan, Miss Hadfield and Mr. McCabe related their personal pilgrimage events, and Father Woodlock added his experiences. It was announced that a whist drive and social will be held at St. Phillip's Hall, Church End, Finchley, on November 9, at 7 p.m.

STEAM-CLEANING AT MAWS.—During a call this week at the showrooms of S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, London, E.C.1, we noted with interest



the progress of the steam-cleaning operations which are being carried out on the face of the familiar building. As our illustration shows, the work is nearly finished, and in a few days' time the transformation will be complete.

LEAGUE OF NATIONS.—A report to the Assembly of the League of Nations from the Fifth Committee, dated October 10 (A.55, 1933, XI), states that the Hague Convention has now obtained fifty-six ratifications or accessions and the Geneva Convention fifty. The 1931 Limitation Convention now directly limits manufacture itself, and provides the mechanism necessary to complete the system created for the supervision of manufactured drugs. The Fifth Committee was gratified to note the statement of the Advisory Committee that, for the first time since the latter was instituted, in 1931, the amounts manufactured by firms holding licences closely approximate to or are even below the amounts that appear to be required for legitimate consumption; moreover, in 1932, the figures of the authorised manufacture of morphine and cocaine are again, according to the data supplied to the Central Board, on the decrease. In the resolution proposed by the Committee, and adopted by

the Assembly, the proposed conference for the limitation of raw materials is referred to.

EXHIBITION TRAIN.—The first "Buy British" exhibition train will commence its tour in the early spring. The train will comprise seventeen corridor coaches adapted to house from 100 to 150 exhibits. The train will leave Birmingham on March 14, returning there on June 15 after a circular tour of the southern half of England. There will be over sixty stopping places, including Wolverhampton, Newport, Cardiff, Bristol, Exeter, Plymouth, Bournemouth, Southampton, Brighton, Folkestone, Maidstone, Redhill, Paddington, Ipswich, Norwich, Cambridge, Lincoln, Nottingham, Derby, Manchester, Liverpool and Crewe. Traders will receive invitations, and the general public will be admitted at a small fee during certain hours. Salesmen will be in charge of the stands for the purpose of booking orders, but although samples may be distributed no retail trading will be done. An itinerary is being agreed upon for a second train to tour the North of England and Scotland in the autumn of 1934, and later it is proposed to arrange for trains to tour the Dominions. Plans are also being worked out for a continental tour for a British exhibition train beginning in Belgium at the end of March next. Further particulars may be obtained from the organisers, British and Dominions Travelling Exhibitions, Ltd., 29 Great St. Helens, London, E.C.3.

Scottish Notes

Brevities

Mr. John Skinner, chemist and druggist, Barnton Street, Stirling, who met with an accident on October 11 (*C. & D.*, October 21, p. 494), is making a satisfactory recovery.

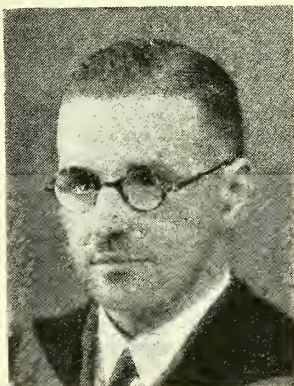
A correspondent writes:—"The general impression is that never were Christmas novelties in the perfumery and sundries trades better or cheaper than to-day. It now remains to create the desire to buy such presents."

In the course of an inquiry into the circumstances surrounding the death of William Buchanan, Larbert, it was stated that the deceased drank a solution of corrosive sublimate in mistake for lemonade, and died a fortnight later.

The turnover in the Drug Department of the Northern Co-operative Society, Ltd., Aberdeen, for the year ended August 31, 1933, was £32,647 11s. 4½d., being an increase on the previous year. The non-dividend sales for the same period were £6,036 15s. 2½d.

Mr. James Coutts, Ph.C., had the degree of Doctor of Philosophy in the Faculty of Science conferred on him at

the graduation ceremony in Glasgow University on October 21. Dr. Coutts had for his thesis "The Seasonal Variation in Santonin Content of the Indigenous Halophytic *Artemisia*," with additional papers. He was educated at Hyndland High School, apprenticed to Mr. Peter M. Duff, chemist and druggist, Partick (secretary of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society) and was the winner of the Fairchild prize for Scotland in 1928. Dr. Coutts qualified in 1928 and passed the Pharmaceutical Chem-



MR. J. COUTTS, PH.D., PH.C.

ist examination in 1929. Until 1932 he was senior demonstrator at the School of Pharmacy, Royal Technical College, Glasgow. Dr. Coutts has contributed papers on "Santonin in Scottish-Grown *Artemisia*" to the evening meetings of the North British Branch, and at the Aberdeen Conference he took as his subject "Various Assay Processes for Santonin."

Irish Notes

Pharmaceutical Society of Ireland

For the October Licence examinations of the Pharmaceutical Society of Ireland, ninety-four candidates entered, of whom eighty-seven presented themselves and nineteen passed. The successful candidates were as follows:—Passed with honours (arranged in order of merit): Miss E. Carey, S. Coleman. Passed (arranged alphabetically): J. A. Bourke, P. Crosse, P. T. Crowley, M. J. Farrell, T. Gleeson, T. J. Griffin, R. L. Hanna, P. J. Hession, Miss Mary A. Kangley, Miss Nell Kieran, R. J. McCullagh, J. A. McKeon, M. Rowe, W. C. G. Rush, P. J. Sweeney, W. T. Turner, and Miss Rosaleen P. Walker.

Pharmaceutical Society of Northern Ireland

Examinations for the certificate of Pharmaceutical Chemist, the certificate of Assistant to a Pharmaceutical Chemist, and for the Preliminary Scientific certificate under Schedule 2 of the Pharmacy and Poisons Act (Northern Ireland), 1925, will be held in the Municipal College of Technology, Belfast, during the week beginning Monday, December 4. Application forms to be obtained from the Secretary, 73 University Street, Belfast, must be completed and returned to him on or before November 10.

The offices of the Pharmaceutical Society of Northern Ireland were transferred on October 25 from the Scottish Provident Buildings to the new building at 73 University Street (2 Princess Gardens), which will in future be the address of the Society. As mentioned in our report of the Council meeting of the Society, the opening ceremony has been fixed for November 6, and will be performed by Sir Dawson Bates, Minister of Home Affairs for Northern Ireland.

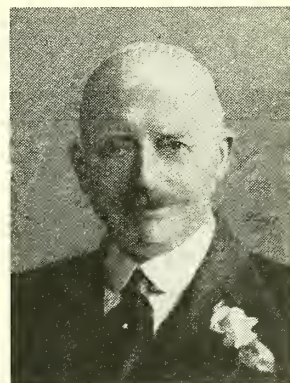
Brevities

A new pharmacy is being opened by Mr. K. Bowman, Ph.C., at Nassau Street, Dublin.

Miss C. Cregan, Ph.C., has taken over the business of the late Mr. E. A. E. Ashe, Ph.C., Berkley Road, Dublin.

Miss Margaret Morris, Ph.C., has acquired the business formerly carried on by Mr. P. Farrell, Ph.C., at 23A Main Street, Donnybrook.

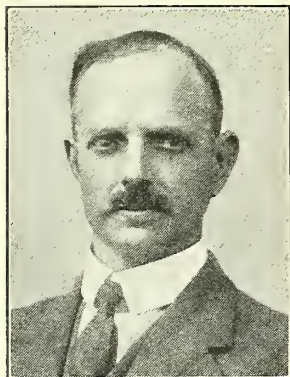
Mr. John Maxwell, the new president of the Pharmaceutical Society of Northern Ireland, is a foundation member of the Council of the Society, which placed him in the vice-president's chair last year. In the meantime Mr. Maxwell has had a serious illness from which he has not fully recovered, and he was unable to be present at the meeting of the Council on October 21, when he was unanimously elected to the chair. Mr. Maxwell is proprietor of the firm of Prior & Co., Londonderry, who own one of the finest pharmacies in Ulster. He is a native of Annan, Dumfries, where he served his time before going to Rankin & Bolland, Kilmarnock. From Kilmarnock Mr. Maxwell went to Edinburgh, and, after some time with H. C. Baildon & Son, Princes Street, he qualified in 1886. Shortly afterwards he crossed to Ulster to join the staff of Grattan & Co., Ltd., Corn Market, Belfast; thence he went to Londonderry to Messrs. Prior, the oldest pharmaceutical chemists in Ireland. He qualified under the Dublin Society in 1894, and was one of the original members of the Council of the Pharmaceutical Society of Northern Ireland. Mr.



MR. J. MAXWELL

Maxwell is president of the Londonderry Burns Club and Caledonian Society. He has recently been recuperating in Scotland.

Mr. William Martin, the new vice-president of the Pharmaceutical Society of Northern Ireland, has been identified with the drug trade in Belfast practically all his life. He served his time with Thomas McMullan & Co., Ltd., and was for a period in charge of their retail drug department. He then set up for himself on the Old Lodge Road, subsequently moving to Antrim Road, where he has carried on business for the last thirty years. He took advantage of the facilities offered under the Pharmacy Act of 1925 to become a pharmaceutical chemist, but he represents the druggists on the Council of the Northern Ireland Society. Mr. Martin is an old member



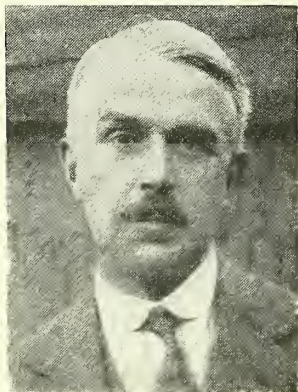
MR. W. MARTIN

of the Chemists' and Druggists' Society of Ireland, of which he was at one time secretary.

A pleasing function took place at the Dolphin Hotel, Dublin, on October 19, when a number of well-known chemists attended a dinner and presentation to Mr. Thomas Burke, B.A., an examiner to the Pharmaceutical Society of Ireland, and Mr. George Hewson, a past-examiner. The presentation took the form of two Zeiss barometers. Mr. J. Gorry (Naas), who presided, paid tribute to the worth of both recipients. Amongst those present were Messrs. F. X. Meagher, G. Hewson (Ballina), P. Larkin (Drogheda), P. Cahill, T. Costello, D. J. Nugent, A. J. Roche, J. Fitzpatrick, Joseph O'Reilly, T. Burke, B. Murphy, C. Cremen and J. Gleeson. An apology for absence was read from Dr. Ryan. Musical items were given during the evening by Mr. Joseph O'Reilly and Mr. A. J. Roche.

At Downpatrick Quarter Sessions, recently, Mary Reid pleaded guilty to attempted suicide by taking aspirin. The accused stated she had taken the contents of one bottle and all but three or four of a second bottle: each bottle contained twenty-five tablets. The accused was allowed out on bail, to come up for judgment when called on.

Mr. Thomas Cecil Scott, M.P.S.I., Harold's Cross, Dublin, who has been elected president of the Dublin and Provincial Retail Drug Association, is a native of Monastrevan, co. Kildare. Mr. Scott began his career with Hoyte & Son, Dublin, where he served his apprenticeship. He qualified as a pharmaceutical chemist in 1909, taking up a post with the late Mr. D. M. Watson, Dublin. Subsequently Mr. Scott became manager of Mr. Newton's pharmacy at Kilkee, and acquired the business in 1914. In 1920 he left Kilkee for Dublin, having acquired Mr. G. G. Williamson's pharmacy at Harold's Cross, where he has conducted a successful business ever since. Mr. Scott has one daughter, Miss Thelma Scott, in his profession. He has been vice-president of the Dublin and Provincial Retail Drug Association for the past two years.



MR. T. C. SCOTT, M.P.S.I.

Two tenders were received recently by the Derry Education Committee for the supply of cod-liver oil emulsion, one described as made with Norwegian oil, and the other with Scottish oil. It was moved that the Committee accept the latter, which was only a farthing a bottle dearer. The tender of Thomas McCully & Co., Ltd., Derry, for Scottish oil was accepted.

At a meeting of the creditors of Mr. Roland Weir, Ph.C., Upper Newtownards Road, held on October 18, the accounts showed assets estimated to realise £400, secured creditors' claims £72, and liabilities £421. It was decided to accept the debtor's offer to discharge his liabilities in full. Among the creditors are:—T. McMullan & Co., Ltd., £82; Shaw & Jamison, Ltd., £24.

Not only Dublin chemists but also many from other centres visited the exhibition of Evans Sons Lescher & Webb, Ltd., held during October at the Central Hotel, Exchequer Street, Dublin. The exhibition, which was under the direction of Mr. Rowland Such, the company's popular sales manager in Ireland, provided an excellent display of Evans' comprehensive range of packed goods, galenicals, biological products, fine chemicals, toilet



A SECTION OF THE EXHIBITION HELD BY EVANS SONS LESCHER & WEBB, LTD., AT THE CENTRAL HOTEL, DUBLIN, DURING OCTOBER

preparations and sundries. With few exceptions all the goods exhibited were packed at the company's new factory at 82 North Wall, Dublin, and, in this connection, it is interesting to note that the tin containers for ointments, etc., were made at the Ashtown tin box factory, while a promising range of the first lots of Irish-made medicine bottles were on show at the exhibition from the Irish Glass Bottle Co., Ltd.

An exhibition of prize-winning snapshots in the photographic competitions which have been organised by the "Belfast News-Letter" and the local branch of the Photographic Dealers' Association was held in the C.P.A. Reading Room, Howard Street, Belfast. On the motion of Mr. James Dundee, a vote of thanks was accorded to Mr. Beaumont, who performed the opening ceremony. On the proposal of Mr. J. C. Culbert, seconded by Mr. John Bell, thanks were also given to the wholesale photo-furnishing firms, the prize donors, Kodak, Selo, Ltd., and all others who had assisted to make the competitions and the exhibition so successful. Mr. Culbert said that the exhibition was the biggest of its kind yet held in the city. Subsequently Mr. C. L. Clarke (London) gave an informative lantern lecture on photography. The thanks of the audience were proposed by Mr. A. McSavaney on behalf of the C.P.A. Camera Club and by Mr. J. C. Culbert for the Photographic Dealers' Association. Among the wholesale photographic finishers providing prizes were:—McInnes & Walton, Ltd.; Belmont Photo Works; Crystone D. & P. Service; Express D. & P. Service; Harmur, Ltd. The following subscribed towards the expenses:—T. McMullan & Co., Ltd.; Shaw & Jamison, Ltd.; J. & W. C. Gaw, Ltd.

Association Meetings

Birkenhead.—On October 18 members of the Birkenhead and Wirral Pharmacists' Association spent an enjoyable evening at the Woodside Hotel, when Mr. W. Deacon (a member of the Pharmaceutical Society's Council) gave a lantern lecture on *X-Rays in Science, Art, Industry and Crime*. Mr. J. Waterworth (president of the Association) introduced the lecturer, who first referred briefly to the history of *x*-rays. He then divided his subject into three main sections, the first dealing with zoology and evolution, the second with plant life and veterinary work, and the third with hospital work. He dealt finally with the general uses of *x*-rays in art, industry and crime. Replying to a question on the danger involved in the working of *x*-ray apparatus, Mr. Deacon pointed out that the majority of the *x*-ray workers who died from dermatitis and other complaints of this nature were the pioneers. A vote of thanks was proposed by Mr. A. E. Williamson. A ciné film was shown by the president, depicting scenes at the Association's annual outing.

Cardiff.—At a meeting of the Cardiff Pharmacists' Association, on October 19, a lantern lecture was delivered by Mr. F. W. Adams (assistant secretary of the Pharmaceutical Society) on *The Pharmaceutical Society—How it Works and What it Does*. Mr. Adams stressed the inadequacy of the present headquarters properly to house the departments of the Society. Other matters dealt with included the biological laboratories and testing of such potent drugs as digitalis, ergot and strychnine; and the clerical work. There was a fair attendance of chemists and a large number of students. Mr. J. Lee Jones (president) was in the chair.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc. occur.

Tuesday, October 31

Leicester Colleges of Art and Technology, Pharmacy Department, Room 45 of the College of Technology, at 8.15 p.m. Col. C. J. Bond, C.M.G., F.R.C.S., will address a meeting of chemists and students on the occasion of the presentation of prizes. Demonstrations are being arranged in connection with the meeting on "Sterilisation" and "Digitalis."

Wednesday, November 1

Reigate, Redhill and District Pharmacists' Association and Branch of the Pharmaceutical Society, Red Lion Hotel, Coulsdon, at 7 p.m. for 7.50 p.m. Annual dinner and dance.

Western (London) Pharmacists' Association, and National Association of Women Pharmacists, Stewart's Restaurant, 50 Old Bond Street, W.1, at 8.30 p.m. Joint meeting. Mr. W. Deacon (a member of the Society's Council) on "The Romance of Hospitals."

Thursday, November 2

Manchester Pharmaceutical Association and Manchester, Salford and District Branch of the Pharmaceutical Society, Victoria Hotel, at 8.30 p.m. Mr. H. Davis, B.Sc., on "Sterilisation."

South-Eastern (London) Association, Chiesman's Restaurant, Lewisham, London, S.E., at 8 p.m. Ladies' night. Tickets, 5s. 6d. each (including supper) from the secretary, 28 Felhampton Road, S.E.9.

Friday, November 3

Pharmaceutical Society of Great Britain, Cheltenham and District Branch, Town Hall, Cheltenham, 8.30 p.m. to 2 a.m. Pharmacy ball in aid of the Society's Benevolent and Orphan Funds. Tickets, 5s. 6d., each, inclusive.

Topical Reflections

By Xrayser

Local Associations

may be expected to come into their own again as an indirect result of the coming into operation of the Pharmacy and Poisons Act, and I was particularly pleased to note how you suggested last week (p. 505) to what they should devote attention during the coming winter session. Chemists and druggists who have not hitherto given much serious attention to the proposals which have been converted into legal requirements by the passing of the Act will perforce have to take notice of changed conditions ere long. It is going to cost them more to carry on business, they will find themselves working under some unaccustomed measure of supervision, and the attentions of the new pharmaceutical inspectors will bring home to them as nothing else would be likely to do the fact that pronounced changes have taken place in the pharmaceutical scheme of things. They should then begin to realise the importance of independent organisations in providing opportunities for airing grievances and discussing with their fellow pharmacists points which may arise in connection with the administration of the new Act. As you remark, the fact that branches of the Pharmaceutical Society are subsidised from headquarters constitutes an obvious weakness when matters of fundamental importance require consideration. Everyone who carries on the business of a chemist and druggist should realise, therefore, what a great and serious task now confronts the associations, and we must not hesitate to see that those responsible for conducting the affairs of those local bodies are not hampered for lack of sufficient funds to maintain their independence unimpaired.

Consideration is Needed

of the undoubted fact that the practice of pharmacy is not identical with the carrying on of business as a chemist and druggist, but is largely an outgrowth or development which has been evolved

since the Pharmaceutical Society was founded to protect the interests of chemists and druggists. Our original business was almost exclusively a matter of buying and selling, and this part of the business remains the most important part of our occupation for the majority of us. With the passage of years, the compounding and dispensing of medicines have come to provide the nucleus of what is properly known as the practice of pharmacy, and the Pharmaceutical Society has developed accordingly. I venture to suggest that the reason why the Society has been regarded by registered chemists as something apart from themselves, in spite of their membership of the body, is that those in charge of the Society's affairs have ever been engaged in doing something to foster the practice of pharmacy in chemists' shops.

Avoidance of Pessimism

is essential, however, and we should not lose sight of one very important fact. That the practice of pharmacy should be evolved and developed in this country as elsewhere was a foregone conclusion, and it might well have developed under the control of others than ourselves. The mere fact of the existence of the Pharmaceutical Society has enabled us to keep a firm grip on our own affairs, not too seriously hampered by petty restrictions imposed by Government departments. The Pharmaceutical Society still persists as the ruling body in British pharmacy; it remains our own chief representative association; and our power of influencing its operations has not vanished. Twenty-one out of the future twenty-four members of its Council must be elected by us from our own ranks, and it seems to me that it only remains for us to lend strong support—financial and active—to our local associations as a means of making adequate provision for keeping any necessary check on the conduct of affairs at the Society's headquarters.

Legal Reports

A Missing Register.—At Stockport, recently, Mr. Arthur Bann, chemist and druggist, Higher Hillgate, was summoned for failing to enter in a register the purchase of morphine and tincture of opium. Mr. E. Barlow, for the Director of Public Prosecutions, said that when another chemist was installed in the shop search was made for the dangerous drugs register; one was found in which the last entry made was in 1930. Mr. P. Butlin, who appeared for the defendant, said that when the stock from the branch shop was transferred to the Higher Hillgate premises in 1930 Mr. Bann started a new register. The book was missing after workmen had taken away material from the premises. A fine of 40s. on each of four counts was imposed.

Irregular Sale of Poison.—At Stockport, on October 17, Littlewood & Co., manufacturing chemists, Heaton Norris, were summoned for selling a poison contained in a bottle not distinctly labelled with the name of the poison. The assistant town clerk, prosecuting, said that 109 bottles of the poison were sold, although proceedings were taken in only two cases. The defendants manufactured the poison, which contained 31.3 per cent. of homologues of carbolic acid. The idea was that canvassers should be employed to hawk the preparation; two had been taken on, and two more were about to be engaged. The labels did not contain the name of the poison in the preparation, nor the quantity. A police officer said that when he informed the defendants that they had committed offences, they pleaded ignorance. Mr. E. Barlow, for the defence, said that the preparation had only been on sale for three days. The firm apologised for their mistake, and on their behalf he thanked the officer for bringing the matter to their notice. A fine of 50s. was imposed.

A Design for a Sign.—In Shoreditch County Court, London, on October 19, Harold Furrow, sign designer, Adolphus Road, N., sued Adolph Burtin, Seven Sisters Road, N., described as a chemist, to recover the sum of £6 5s. 6d. for a sign he had designed for the laboratory of the defendant in December 1932. Mr. Bryant appeared for the plaintiff and Sir Alfred Callagan, barrister, for the defendant. Mr. Bryant said that at one time plaintiff was a boarder with the defendant. The defendant invented the Paldron inhaler, for which he designed an advertisement as curing asthma, bronchitis and catarrh, and being useful in whooping-cough. The inhaler was manufactured by the Burlington Laboratories (London), Ltd., Seven Sisters Road, N. The plaintiff designed a sign for putting outside the laboratory, and he also did some sketches for folders. The plaintiff subsequently fell out of work; he was sued by Mrs. Burtin for £17 for board and lodging, and she recovered judgment. The plaintiff gave evidence as to the work he carried out. The defendant's evidence was to the effect that the work was done for the limited company. The design and sketches were copies from a German book. They were never used. The company was registered for 200 shares, and of these only thirty had been issued. Judge Cluer entered judgment for the defendant, with costs.

Disputed Account.—In Bow County Court, London, on October 18, Summers & Summers, medical practitioners, Bow Road, E., sued William Baxter, Lichfield Road, E., to recover the sum of £2 16s. in respect of sixteen visits to the defendant's wife. Mr. Wynne, who appeared for the plaintiffs, said that so far as the money was concerned that did not matter, but owing to the allegations of the defendant the action had to be brought to clear the air. The defence to the claim was that defendant had paid all he owed, and that as soon as his wife died he should bring an action to recover £1,000 damages from Dr. R. D. Summers. Dr. Ralph Donald Summers, giving evidence, said he was in partnership with his father. On September 28, 1932, the defendant brought his wife to the surgery. She is eighty-one years of age, and after an examination he prescribed a mixture

containing a 7-minim dose of tr. chlorof. et morph., B.P., 1885. The formula, which had been used by his father for forty years, included tr. chlorof. et morph., 1885, pulv. rad. ipecac., liq. ammon. acet. fort., and spt. æther nit. The witness told the patient this would have a constipating effect, and directed her to take Epsom salts with it. On October 1 the defendant called again and had another bottle, but did not mention constipation. On October 10 the defendant came with his son, and said his wife was in terrible pain with constipation. He asked plaintiff to see her, which he did. He found the bronchitis much improved, but the bowel distended. He then gave her a bismuth mixture containing tr. nucis vom., acid. hydrocyanic dil., bismuth. carb., tr. carminativa, and spt. chlorof. The witness also told her to continue the Epsom salts. He saw her several times up to October 17, repeating the bismuth, but she said she had not been taking it properly. On October 21 he prescribed a mixture containing liq. gent. co. conc. and tr. nucis vom. On October 25 he ordered her bicarbonate of soda, and then bismuth again, as required. On November 12 he recommended that she should go into hospital for an x-ray examination, but the defendant said that under no circumstances would he allow it. In cross-examination by the defendant he denied that he recommended Beecham's pills as well as Epsom salts. Dr. David Macrae, Bow Road, said that the chloroform and morphine mixture was a good one and contained just a medium dose. If he had been called in, and the defendant would not send the patient to hospital, he should have told him to get another doctor. The defendant said the plaintiff told him to give her Beecham's pills and Epsom salts, but a few days after she fainted, and he then gave her Epsom salts only. His wife was so ill that the plaintiff said he would call; he never asked him. His daughter, Amy Baxter, agreed with his evidence. In giving his decision, Judge Konstam said he considered the plaintiff had in no way been negligent. He considered his visits after November 12, when he ordered her to hospital, to have been useless, and he should only allow him for nine visits in all. There would be judgment for the plaintiffs for £1 11s. 6d., without costs.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

GOWER'S DRUG STORES, LTD. (P.C.).—Capital £200. Objects: To carry on the business of consulting, manufacturing, pharmaceutical and general chemists, etc.

W. H. MARSHALL, LTD. (P.C.).—Capital £200. Objects: To carry on the business of chemists, druggists, etc. R.O.: 8 Carter Street, Coventry.

JOY'S CHEMISTS, LTD. (P.C.).—Capital £200. Objects: To carry on the business of chemists, druggists, herbalists, etc. R.O.: 3 Birchwood Road, St. Anne's Park, Bristol, 4.

PYE & WHITE (ALFORD), LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturing, analytical, wholesale, retail and consulting chemists, druggists, etc.

J. T. WALTERS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of pharmaceutical chemists and retailers of patent and other medicines, etc. R.O.: 35 The Broadway, Winchmore Hill, N.21.

E. JOHNSONS (CHEMISTS), LTD. (P.C.).—Capital £100. Objects: To acquire the business carried on by Elizabeth Johnson at 268 Barkereud Road, Bradford, and to carry on the business of chemists, druggists, etc.

CLEANSING PRODUCTS, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in soap, and cleansing and disinfecting materials, etc. R.O.: 34A Hanover Lane, Leeds.

STERONITE SUPPLY COMPANY, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers, importers and exporters of glue, celluloid, chemical preparations, etc. R.O.: 27 Cannon Street, E.C.4.

FRANK E. S. CLARKE, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, herbalists, drug merchants, opticians, etc. Secretary: F. E. S. Clarke, "The Bryn," Christchurch Road, Newport, Mon.

MIDDLESEX LABORATORY OF GLANDULAR RESEARCH, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers and sellers of medicines and preparations, etc. R.O.: 21 Farringdon Avenue, E.C.4.

VANN BROS., LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in surgical, optical, laboratory, and scientific instruments, chemists, druggists, etc. R.O.: 63 Weymouth Street, W.1.

KEENE'S LABORATORIES, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in tablets, pills, specifics and patent medicines, etc. Solicitors: Alfred C. Warwick & Co., 14 Queen Victoria Street, E.C.4.

CORYSE SALOME, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as manufacturers of and dealers in perfumery, toilet requisites, chemicals, medicinal salts, etc. Solicitor: A. M. Oppenheimer, 31 Queen Victoria Street, E.C.4.

RIPPLE MANUFACTURING COMPANY, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers and suppliers of hair-waving apparatus and accessories therefor; pharmaceutical preparations, patent medicines, etc. R.O.: Bush House, Aldwych, W.C.2.

FRUTAL MANUFACTURING COMPANY, LTD. (P.C.).—Capital £5,000. Objects: To adopt an agreement between N. V. Polaks Frutal Works of Amersfoort, Holland, of the first part, this company of the second part, Solflor, Ltd., of the third part and Reinhart de Kat of the fourth part, to manufacture and deal in fruit essences, juices, synthetic essences, flavourings, floral ottos, essential oils, perfumes, synthetic perfumes, chemicals and other preparations used in connection with perfumery, drug, soap, cookery, confectionery and similar businesses, etc. R.O.: Frutal Manufacturing Works, Wadsworth Road, Perivale, W.13.

AYRTON, SAUNDERS & CO., LTD.—Payment of the half-yearly dividend, less tax, on the $7\frac{1}{2}$ per cent. "A" preference shares will be made on November 1.

GENATOSAN, LTD.—Net profit for year ended June 30, 1933, was £59,359. Preference dividends, £13,320; written off exceptional publicity expenditure, £11,662; and set aside in connection with settlement of Inland Revenue claim, £14,670. Proposed to declare final dividend of 20 per cent. on the ordinary shares, making 35 per cent. for the year. To general reserve, £9,000, leaving £10,663 to be carried forward.

Voluntary Liquidations

Bickley & Male, Ltd., The Cross, Moreton, Cheshire, chemists and druggists. The statutory meeting of the creditors was held recently at the offices of Messrs. W. F. Ewbank & Co., Liverpool. The statement of affairs showed ranking liabilities of £1,918 2s. 11d., all due to unsecured creditors. After allowing £55 9s. 5d. for preferential claims, the net assets were £577 3s. 5d., or a deficiency of £1,340 19s. 6d., so far as the creditors were concerned. The assets comprised cash in hand, £10; cash at bank, £9 12s. 10d.; stock, £710, put down at £400; fixtures, £634, estimated to produce £100; and book debts, £159 10s. 1d., valued at £113. Resolutions were passed confirming the voluntary liquidation of the company, with Mr. P. S. Booth, of the Association of Manufacturing Chemists, and Mr. C. D. Irving, accountant, Liverpool, as joint liquidators, together with a committee.

Newtons (Royton) Ltd., Central Buildings and Croft Head, Royton, Lancs., chemists and druggists. The creditors met recently at Oldham, when the statement of affairs showed ranking liabilities of £3,447 3s. 3d., of which £2,500 9s. 3d. was due to the trade and £946 14s. to the bank. After allowing £50 for preferential claims, the net assets were £950, or a deficiency of £2,497 3s. 3d. The assets comprised stock £1,100, valued at £700; fixtures, fittings, etc., £150, and book debts £150. The issued capital of the company was £1,000, all of which was fully paid, and as regarded the shareholders there was a deficiency of £3,497 3s. 3d. It appeared that during the year to January 31, 1930, the turnover was £6,434, with a gross profit of £326, but after allowing for all the expenses, there was a net loss of £283. In the two following years the turnover declined and net losses of £758 and £425 respectively were sustained. For the year to January 31 last the turnover was £4,358, and there was a net profit earned of £47. The company's solicitor stated that it had been found impossible to submit any concrete scheme to the creditors, and he had therefore advised that the company should go into voluntary liquidation. The creditors expressed their approval of voluntary liquidation taking place.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the
National Health Insurance Acts

Local Reports

ENGLAND AND WALES

Bolton.—The Panel Committee, at the request of the Ministry of Health, have investigated the prescribing of an insurance practitioner for a period of three months. They decided that costs had been imposed on the funds in excess of what was reasonable, and assessed the excess at £20. The doctor appealed, but the referees considered the Panel Committee were lenient in assessing the extra charge at £20. The Insurance Committee have confirmed the findings.

Derbyshire.—The Insurance Committee had before them on September 19 a report on a drug test which showed a deficiency of 24.5 per cent. of potassium bicarbonate and an excess of 6 per cent. in sodium sulphocarbonate. The chemist's explanation was that he dispensed the mixture personally from a solution prepared by an assistant who had been employed many years. It was resolved to warn him. In another case a sample had been dispensed by an unqualified assistant during the absence of the pharmacist. The Committee decided to inform the chemist that the regulation requiring dispensing to be done under qualified supervision must be strictly observed.

Herefordshire.—At a recent meeting of the Herefordshire Insurance Committee, the Medical Benefit Subcommittee reported that a letter had been addressed to the Panel Committee conveying the terms of the Subcommittee's resolution regarding prescription frequency and furnishing the following comparative data:—Prescriptions per insured person in Herefordshire, in 1929, 4.27, compared with 4.09 for the West Midland area; in 1930, 4.07, compared with 3.68; in 1931, 4.27, compared with 3.71; in 1932, 4.36, compared with 3.81; and in the first quarter of 1933, 1.41, compared with 1.24. The clerk had requested the Panel Committee to give their full consideration and co-operation in elucidating the causes of this relatively high frequency. A letter had been received from the Panel Committee stating that they had come to the conclusion that it was influenced by the following factors:—(a) The exacting nature of the service demanded by panel patients (this was particularly noticeable in an area like Herefordshire, where small panels were the rule); (b) the tendency of the younger panel patients to go to the doctor with trivial complaints; and (c) the large number of temporary patients from other areas.

Pharmacy and Poisons Act, 1933, and What it Means to Pharmacy

Notes on an address delivered by Mr. Thomas Hardy, Member of Council of the Pharmaceutical Society, at a Meeting of the North London Pharmaceutical Association on October 24

THE Pharmacy and Poisons Act, 1933, was passed on June 28, 1933, and is stated to be "An Act to amend the law relating to pharmacy and poisons and for purposes consequential on such amendment." The Act is the outcome of the Departmental Committee, set up by the late Earl Balfour as Lord President of the Council, on which Committee we had three pharmacists, Messrs. F. W. Gamble, E. T. Neathercoat, C.B.E., J.P., and A. E. Young, to whom the thanks of all interested in pharmacy are due for the time, energy and devotion they gave to the work during the period of nearly four years in which the Committee performed its labours. (It was appointed on July 17, 1926, and presented its report in March 1930.) Whatever our attitude was during the discussions on the Bill, and whatever our feelings and opinions as to the merits or demerits of the Act, I feel assured that as it is now on the statute-book we will be in accord that it is the duty of the Council of the Society, and the duty of every registered pharmacist and authorised seller of poisons, faithfully to perform the duties respectively allocated to them in the various clauses of what must prove a life's task. The Act is in three parts, Part I dealing with pharmacy, Part II with poisons, and Part III headed "Miscellaneous."

Part I

The first matter of importance which is brought to our notice is that the Society, founded on a voluntary basis in 1841, ceases to be voluntary in character on December 30, 1933, as on the following day (December 31), which is the appointed day, all persons on the Register become automatically members of the Pharmaceutical Society of Great Britain, as the Act provides in the First Section that every person registered as a pharmacist shall, by virtue of being so registered, be a member of the Pharmaceutical Society of Great Britain. If the by-laws now before the Council become operative, the retention fee will be £1 11s. 6d. and the penalty £1 1s. This will not affect life members nor honorary nor corresponding members of the Society.

It is worthy of note that since October 1 of this year by-laws do not require to be submitted to a special general meeting of the Society, but still require to be approved at three consecutive meetings of the Council and afterwards to receive the approval of the Privy Council. A particular duty of the Council is to issue a certificate of registration, without fee, on the demand of a registered pharmacist, but there is no obligation upon the Council to issue a further certificate unless he satisfies the registrar that the original certificate has been lost or destroyed, and pays the fee prescribed by the by-laws for such issue. On ceasing to be registered as a pharmacist it is the duty of the possessor of a certificate of registration to transmit the certificate to the registrar for cancellation; failure to do this makes the offender liable on summary conviction to a fine.

The title of pharmaceutical chemist or pharmacist is reserved to those duly registered as such; and it is unlawful for any person unless registered as a pharmacist to take or use the title of chemist and druggist, or druggist, or pharmacist, or M.P.S., or take or use the title of chemist in connection with the sale of goods by retail—not just the sale of drugs by retail, but the sale of goods by retail. In the past it has been a grievance to pharmacists that the description "pharmacy" has been prevalent among unqualified vendors; and it is one of the gratifying features in this 1933 Act that this is now illegal unless the owner of the business and the person

having the control of the business on those premises are registered pharmacists. Any proceedings under the new Act will have to take place in a court of summary jurisdiction, with its consequent publicity, which in the case of a serious offence may prove more damaging than the fine itself.

On October 1 this year the section of the Act that empowers the Privy Council to nominate three persons to be members of the Council became operative, and the persons so nominated will hold office for such period as the Privy Council may determine. These persons will have the right to be members of the Committees of the Council, and have equal voting rights in Council and Committee meetings with those of the elected members. Whether these members, if and when appointed, will represent Government departments such as the Home Office and the Board of Education we know not; but the Council anticipates very hearty co-operation and good will, so that our statutory duties, as well as our domestic, may be performed all the better, and that because of their presence the cordial relations which have existed between the Government departments and ourselves may be intensified and become more profitable alike to the public and the practising pharmacist.

A new feature, and one that is welcomed, is the creation of a Statutory Committee which is given wide disciplinary powers. Constituted of six members, the chairman, who will be appointed by the Privy Council, must have practical legal experience; the five other persons are to be appointed by the Council. These may or may not be members of the Society or of the Council, and will be appointed for a period of five years; at the expiration of that period each person shall be eligible for reappointment. Provision is also made that among the first appointed members there shall be included a pharmacist resident in Scotland, as is also the continuation of this principle. It is worthy of note that in this case the office can only be filled by a member of the Society, and that the Council is not compelled to appoint a Scotsman but a pharmacist resident in Scotland. No one can visualise, however, other than a native of that illustrious country being appointed. A right of appeal to the High Court against removal from the Register is possessed by the member.

"AUTHORISED SELLER OF POISONS"

And now we come to that section of the Act which gives a new name, that of "authorised seller of poisons," to the registered pharmacist carrying on a business which comprises the retail sale of goods, if, in each set of premises where the business is carried on, the business is, so far as concerns the retail sale of drugs, under the control of the pharmacist himself or some other registered pharmacist, and the name and certificate of registration of the person having the control of the business is conspicuously exhibited in the premises. Conditions applying to a body corporate which desires to be an authorised seller of poisons provide that so far as the retailing, dispensing and compounding of poisons is concerned, the business must be under the management of a superintendent, who must be a registered pharmacist and who must not be acting in a similar capacity for another body corporate. A written statement must be forwarded to the registrar specifying whether he is a member of the Board. In each set of premises there must be exhibited the certificate of registration of the person who is in control of the business, whether he is the superintendent or some other person.

The privileges of executors and trustees—in the case of the death of a chemist who was in business at the

time of his death—to carry on the business is now limited to a period of five years from the date of death; and in the case of the authorised seller of poisons who is adjudged bankrupt, or who enters into an arrangement with his creditors or becomes of unsound mind, the privilege is for three years, provided the business, so far as concerns the retail sale of drugs, is under the personal supervision of a registered pharmacist and the certificate of registration is conspicuously exhibited. Application for a longer period may be granted by the Statutory Committee.

The owner of a business, private or corporate, is now held responsible for the acts of his employees; but where the offence is such as may result in the employer ceasing to be an authorised seller of poisons, the Statutory Committee has to satisfy itself as to certain facts, which are considerable in character and tend to safeguard the employer. Section 12 introduces a new feature in that an authorised seller of poisons shall cause all the sets of premises where his business, so far as comprises the retail sale of drugs, is being carried on to be registered. The application must be made in the manner prescribed by by-laws, and the business premises fee for each set of premises shall not exceed the sum of £3. The retention fee may be of a like amount, but the Council possesses power to fix different fees. In the past the fact that your name was on the register as a pharmaceutical chemist or chemist and druggist entitled you to keep open shop for the retailing, dispensing and compounding of poisons without any business premises fee. This ceases as soon as the appointed day for this Section comes into operation; and it is necessary to emphasise that it will then be illegal for a pharmacist, or corporate body, who is an authorised seller of poisons to conduct a drug store under unqualified management. The change of ownership of a business causes the registration to become void fourteen days from the date of change.

Part II

The Arsenic Act, 1851, and the provisions of the Pharmacy Acts relating to the sale and supply of poisons and poisonous substances will cease to have effect, as will also the existing Poisons Schedules. An advisory committee, to be known as the Poisons Board, consisting of sixteen members, five of whom are to be appointed by the Council of the Society (one of these to be a person engaged in the manufacture for sale by way of wholesale dealing in pharmaceutical preparations), is to be set up, to prepare and submit to the Home Secretary a list of substances which are to be treated as poisons for the purposes of this Act. The appointed representatives of the Council are Messrs. Franklin, Linstead, Mallinson, Neathercoat and Sparkes; and we will look to our representatives, I hope, with confidence to see that the Departmental Committee's recommendations are made effective, and particularly to see that the spirit enunciated in the Act as determining the distribution of poisons as between Part I and Part II of the List is made to prevail, as it was only on the insertion in the clause of the words "for purposes other than human ailments" that agreement was come to. The List will consist of Part I and Part II poisons. Only authorised sellers of poisons will be entitled to sell the poisons in Part I (and, of course, the registered pharmacists in their employment); Part II poisons can be sold by authorised sellers and persons on the local authorities' lists. The Home Secretary may confirm by order the list submitted by the Poisons Board with or without modification; but any proposed modification must be placed before the Board so that its observations may be made and consideration given to these before he finally confirms the List. The appointed date having been fixed, no person will be permitted to sell Part I poisons unless:—

- (1) He is an authorised seller of poisons.
- (2) The sale is effected on registered premises under Part I of the Act.
- (3) The sale is effected by or under the supervision of a registered pharmacist.

Part II Poisons can only be sold by authorised sellers of poisons on registered premises by any persons whose name is entered in a local authority's list, the sale being effected on premises specified in that list as being

premises on which the seller is entitled to sell poisons in Part II of the List and subject to the provisions of the Act. From this you will see that the hawking of poisons is prevented; and as Section 5 of the 1908 Act is repealed, we hope that the sale of poisonous substances (ammonia, the acids, etc.) will be suitably controlled. The usual conditions of sale will operate with regard to the sales of Part I and Part II of the List of Poisons.

Certain other persons whose names appear on the local authority's list will be entitled to sell the poisons in Part II of the List of Poisons; and the local authorities (the county councils and county borough councils) are required to keep a list of persons in the area of each authority entitled to sell such poisons on the premises occupied by them and registered for such purpose. Refusal by the authority can be only on the unsuitability of the premises or if in the opinion of the authority the applicant personally is not fit to be on the list. An appeal to Quarter Sessions is the right of the refused person. A fee to be fixed by rule must be paid annually, and the authority has the right to refuse renewal if the fee is not paid. The list is open for inspection without fee at all reasonable times; and I take it that the clerk to the council's dinner hour will be a reasonable time if the offices are open. The use of a title, emblem or description reasonably calculated to suggest that he is entitled to sell any poison other than a poison in Part II of the Poisons List makes the offender liable to a penalty of £20. It is also illegal for a poison to be exposed for sale or to be offered for sale from an automatic machine.

Part III

Part III of the Act gives the Home Secretary power to make rules with respect to the manufacture of pharmaceutical preparations containing poison, the storage, transport and labelling of poisons, and for prescribing anything which is by this Act to be prescribed by rules. The power is tremendous; and as far as the storage and sales by retail are concerned I hope that our representatives on the Poisons Board will combat the principle that there is safety in the mechanical pack, but insist that our training, education and experience are such as to place us above such a contention. Inspectors must be appointed to enforce the provisions of Part I and Part II of the Act. These must, for Part I, be registered pharmacists, and the number of inspectors shall be as the Privy Council may direct. It is to be hoped that their first duty will be to advise, inform, instruct and guide. For the first time power to inspect and take samples is given, and heavy penalties can be imposed where there is obstruction or refusal to assist. For disobedience of statute or statutory rule as to sale, supply, manufacture, storage, transport, etc., of poisons the penalty is up to £50. The prosecutor in England and Wales will appear as a "common informer," and in the case of the Council being the common informer all penalties inflicted will be received by it. In Scotland the Procurator Fiscal will be the prosecutor, and the fines will be paid to the Treasury.

The local authority will also have to appoint inspectors, and may enter into an agreement with the Council to utilise the Society's officials; but there is no compulsion for this, and it is likely that in the majority of cases the authorities will appoint their own inspectors. In conclusion, two quotations from the Departmental Committee's report are worth remembering. That the record of service of the Pharmaceutical Society for a period of over sixty years without cost to the State is honourable and distinguished. So much for past services. As to the future the report states: It is without doubt desirable that the profession of pharmacy should hold out sufficient hopes of reward to ensure a high standard of training and efficiency in its members. We echo that expression, and sincerely hope that when the time comes for an Act dealing with pharmacy, as distinct from poisons, we shall have the assistance of all Government departments to frame a measure acceptable to us, that will be the means of giving us well-merited status and a remuneration commensurate to the service which we give to the community.

Crêpe Paper

Practical Hints on Manipulation

CONTINUING the notes on the use of crêpe paper in window dressing (*C. & D.*, August 12, p. 215), crêpe paper net is particularly useful for the shop whose lighting depends to some extent on the illumination obtained through the glass background of the window, since the net does not seriously interfere

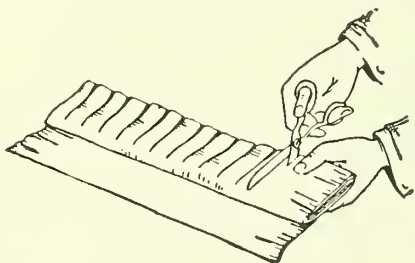


Fig. 1

with the light. At the same time, it produces a highly decorative effect and in addition is economical. First, a fold of paper is taken from its envelope, and one end is unfolded about 4 in. Then on the opposite end of the fold a series of slits, about an inch apart, are cut with scissors; these slits, as shown in fig. 1, are cut up to

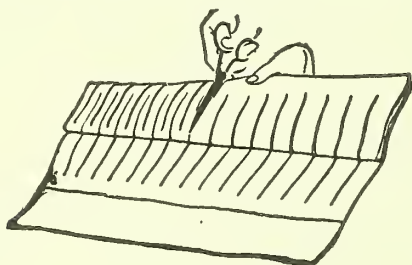


Fig. 2

within about an inch of the upper end of the folded crêpe, allowing the 4-in. strip to hang loose. After the slitting has been completed on one side, unfold once and repeat the slitting on the other side, as shown in fig. 2. The 4-in. strip of paper at the end of the fold now serves its purpose by affording a good hold of the net, which would be flimsy and difficult to shake out without injury, were the 4-in. strip not there. The paper should be shaken out well, and the strip at the top then cut off so that the net can be opened, as shown in fig. 3.

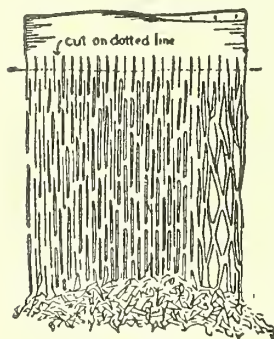


Fig. 3

An Economical Method

This is perhaps the most economical method of using crêpe paper for backgrounds, because one piece of the crêpe converted into net can be made to cover a considerable part of the background of an average-sized window.

There are many interesting and effective variations of the crêpe net, such as the crêpe fringe, the twisted crêpe fringe, and the fringe drape. The latter is particularly useful as a means of introducing a touch of variety to the background. We are again indebted to the Dennison-Victor Co., Ltd., of London, for our illustrations.

Exteriors

By Critique

THE last few years have seen a decided change in the type of windows in chemists' shops; and although, generally speaking, dignified windows are being adopted they are certainly more ornate and inclined to be less distinctive in appearance. Take away the carboys and signs, and there is no difference between a chemist's and any other up-to-date shop. When a front is to be reconstructed, the first aim should be to create an appearance which leaves no doubt as to what business is being carried on within. Originality should be the keynote of all new frontages, not, as I am afraid is the case, imitation of existing designs. For a window to act as a magnet there must be something original and characteristic about it. Architecture is as old as the hills and scope is unlimited. The style of the front need not necessarily be the style prevalent in any particular district: far better to have the only type of its kind in that district. New people in a district or visitors form their first impression from the exterior design. It is not always the most expensive front which is the most effective, but to get effect with little expense requires forethought and a certain amount of personal trouble.

Window Display

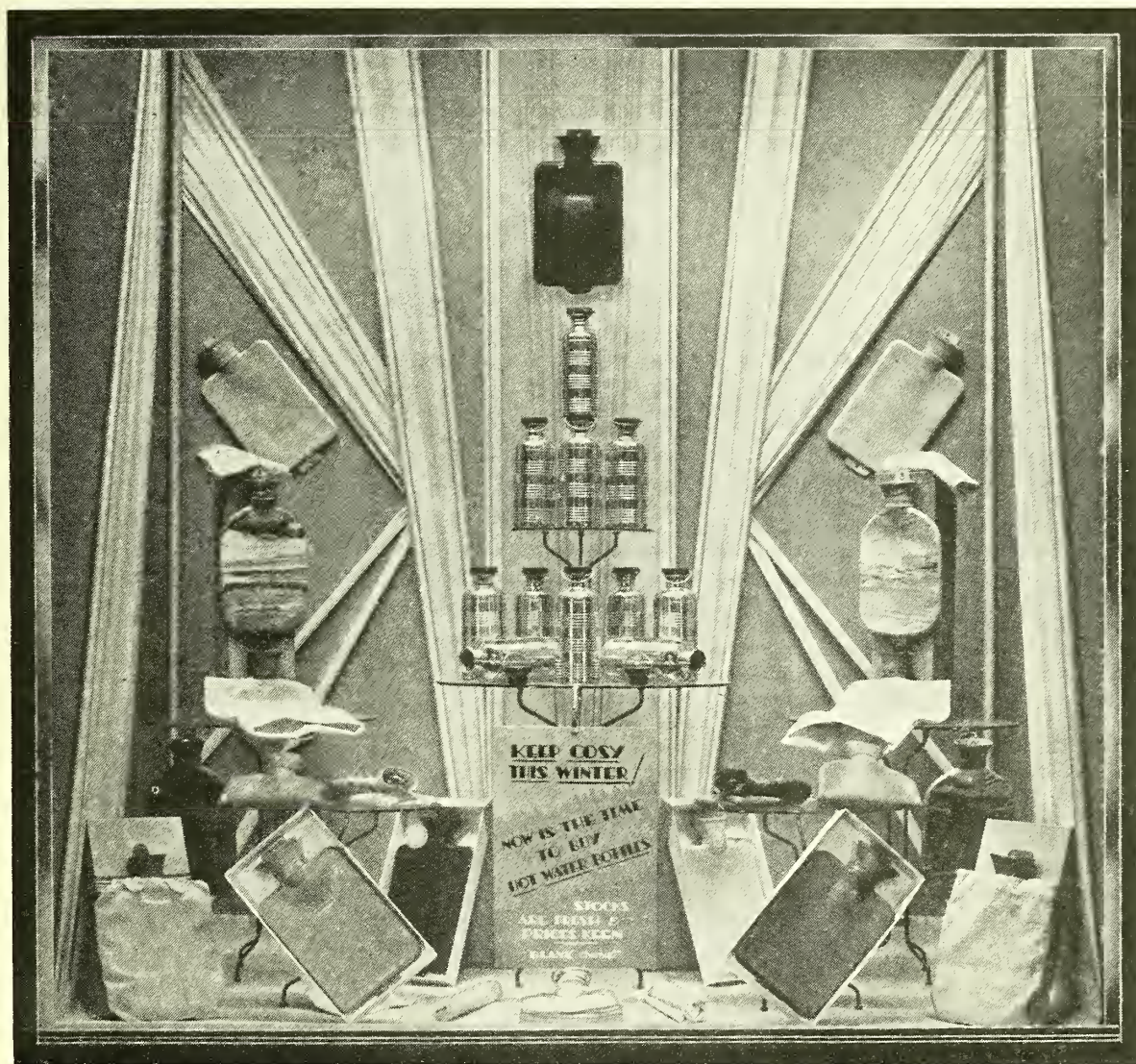
Think out your own design and then have it adapted to the premises; and do not be afraid of having the first design submitted altered if by so doing you can save expense in construction. The dressing of chemists' windows nowadays leaves a lot to be desired. In a few cases, only pedestals are used, and either a display of one article alone is made or the window is scantily dressed with an assortment. These methods are certainly better than those generally adopted of crowding as much as possible in the window or of dressing with 75 per cent. of showcards and 25 per cent. of stock. Another fault is to mix cameras with other goods. I have never yet seen a mixture of cameras with other goods look attractive. I grant that where one big window alone is available mixed displays are inevitable; but why not divide the window into two or three divisions? This can easily be done with three-ply wood by a local joiner and the wood stained to match the enclosure. The small expense entailed is soon recouped by extra sales. A recent inspection of chemists' windows has convinced me that toilet goods are being shown far more than other lines. During the summer months this may be good business, but I contend that it is necessary to show other goods at the same time. However artistic a toilet window may look it lacks the distinctive, characteristic appearance which chemists' goods should have. If we wish to be classed as superior traders we must have exteriors (and interiors, for that matter) of a distinctive style.

MORE THAN 100 PER CENT.—"A lady rang up to say she wished to complain of the — salt we had sent her, and could she return it? We replied: 'Certainly, madam, and what is wrong with it?' The answer was: 'It is much too salt.'"—From "The Grocer."

THE WRONG SIZE.—Under the heading "Tailors Out of Fashion," "The Times" of October 9 published the following letter from Allwood Brothers, Haywards Heath:—"Button-holes are worn by men to-day more than for a decade past. The carnation is the popular flower, but it is an improved flower in every respect to what it was even ten years ago. To look smart the calyx should go into the button-hole up to the guard petals, but tailors make little 3-in. button-holes in our coats, which are too small. A tailor who wishes to be really up to date and in the fashion should make a 1½-in. button-hole. The variety 'White Pearl,' which the King wears, requires a large button-hole; so do all the present-day varieties if they are to look really smart in a man's coat."

Display

for the Chemist . . .

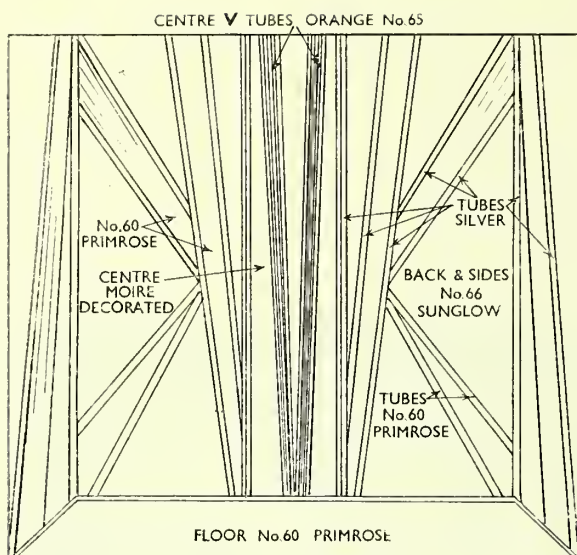


Display and background by A. A. Jackman

THE primary object of this new C. & D. feature is to illustrate and describe, from time to time, seasonal displays suitable for the average chemist's window. In preparing the designs and in dressing the model window (which has been specially constructed at the C. & D. offices), we have secured the services of a window display expert who has had considerable experience in the drug trade. It is perhaps desirable to make clear, however, that the designs are offered not as examples of the most advanced display practice, but rather as suggestions to help the ordinary

chemist to make the most of his existing display facilities. They are accordingly very easy to follow, and the crêpe paper drapes are purposely kept on simple but none the less effective lines. With each display will be given the appropriate colour key showing clearly the colours of the crêpe paper used. Readers experiencing any sort of difficulty with any aspect of display work are invited to send us details, preferably with a sketch, when we will obtain for them expert advice on the points raised.

In this, the first of a series of articles on display, the



Colour Key

inclusion of brief particulars of the C. & D. model window may not be inappropriate. The measurements of the window are as follows:—Height, 7 feet; width, 6 feet; depth, 3 feet. The last two dimensions, however, can be varied according to circumstances by means of movable screens. The model is constructed also to enable us, when the occasion arises, to show what can be done in the way of dressing that difficult angle window. With regard to lighting, this is naturally a special feature of the model window, and in this respect we have had the specialist advice of the Lighting Service Bureau, 2 Savoy Hill, London, W.C.2, and at the Bureau's suggestion the main lighting of the window consists of 100-watt lamps in silvered-glass reflectors concealed behind the fascia-board, there being a 100-watt lamp to each foot of the window. We have accordingly installed reflectors by Siemens Electric Lamps & Supplies, Ltd., 38-39 Upper Thames Street, London, E.C.4, and in order to facilitate experiments with different styles of lighting two types of reflector have been fitted in separate rows of eight reflectors each. One row consists of intensive reflectors, and the other of extensive reflectors. These reflectors are made in two sizes, for 60-watt and for 100-watt lamps respectively, diameters being $7\frac{1}{2}$ in. and 9 in. respectively. Use will also be made in our displays of the Siemens spotlight reflector; this is a useful device with a universal mounting, and can be concealed behind the fascia or pelmet or behind goods in the window. It throws a powerful beam in any desired direction. It is eminently suitable for colour lighting, and the Siemens colour screens are easily fitted to it.

The fittings used in the two displays appearing in this issue comprise glass ovals, light tripod stands, and clips for hanging articles from the edges of the ovals. The tubular tripod stands are in the series No. 2537 of Clements, Newling & Co., Ltd., 96 Wood Street, London, E.C.2; they are available in the following range of heights:—9 in., 12 in., 15 in., 18 in., 21 in., 24 in., and 30 in. The tubing is finished dark bronze, and there are small rubber suction-cups on both ends of the tubes; the advantage of the suction-cups is obvious, as so many windows are constantly in a state of vibration caused by the passing of heavy traffic. The tubular clips attached to the glass ovals in the second display are finished in

nickel-plating, and have a universal adjustment enabling them to be used for holding quite heavy articles. These clips, together with a range of attractive silver display cubes (which will be utilised when the occasion arises) were also supplied by Clements, Newling & Co., Ltd.

Hot-water Bottles

No more appropriate time than the present could be chosen for a display of hot-water bottles. We are aware, of course, of the slight risk incurred by displaying, for any lengthy period, goods of this nature, but we would suggest that an attractive show, of the type shown in our illustration, for a short period during, for example, November, would certainly stimulate interest and lead to sales. Hot-water bottles are not easy to arrange in a manner pleasing to the eye, and frequently the dresser is content to heap the bottles in a haphazard manner in the window. In some cases, however, bottles are packed for sale in neat cardboard boxes, and this greatly facilitates display. A description of the hot-water bottle window should begin with a few observations regarding



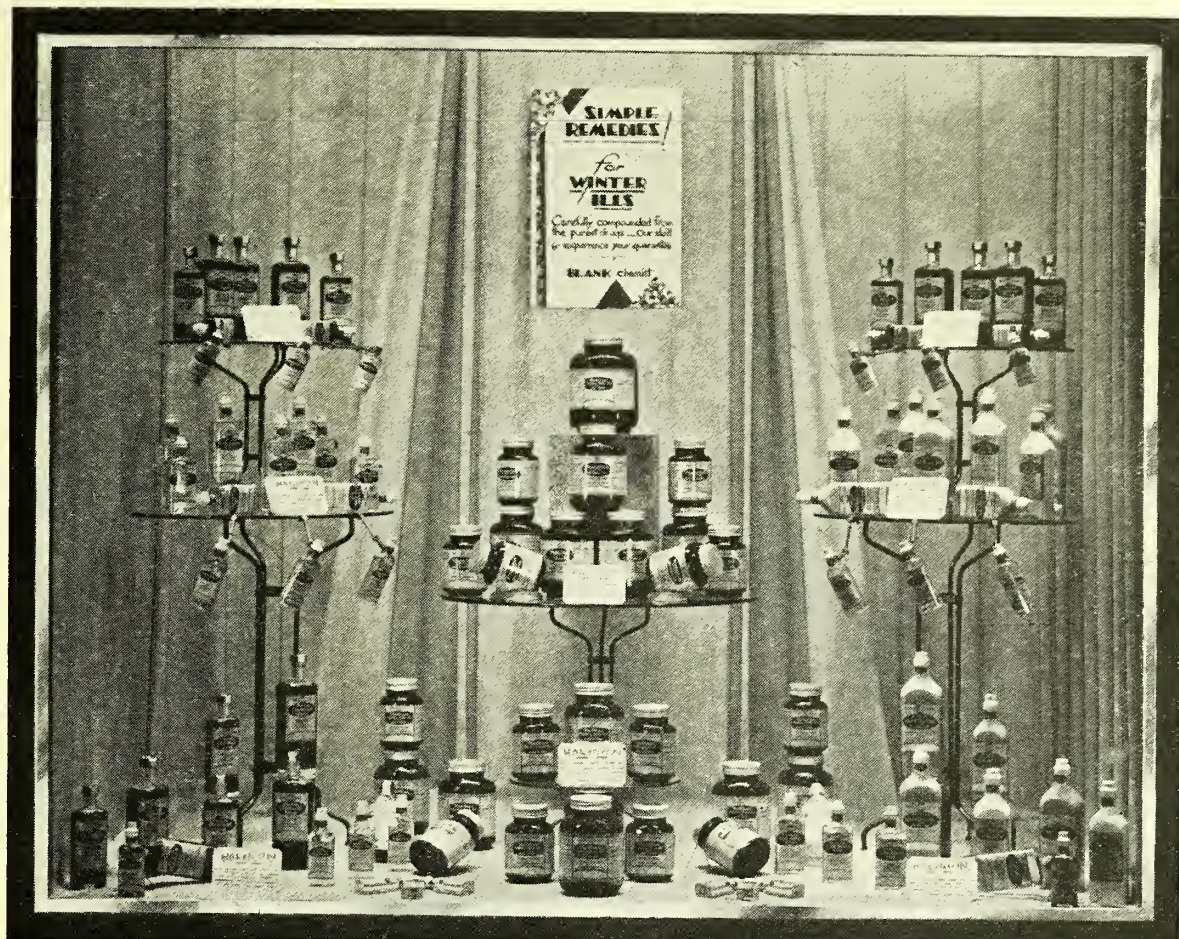
On the left is shown a reproduction of the showcard (12½ in. by 18½ in.) used in the hot-water bottle display. The colours, from top to bottom are yellow, buff and brick-red; lettering, black and white.

Right: The "packed drugs" showcard; lettering black on a white background. These cards can be copied without fee or acknowledgment.

the crêpe paper background. A good proportion of the effectiveness of the display is obviously lost in a reproduction in monochrome, and in order to give our readers the benefit of expert selection of suitable colour schemes we have prepared for each display the appropriate colour key.

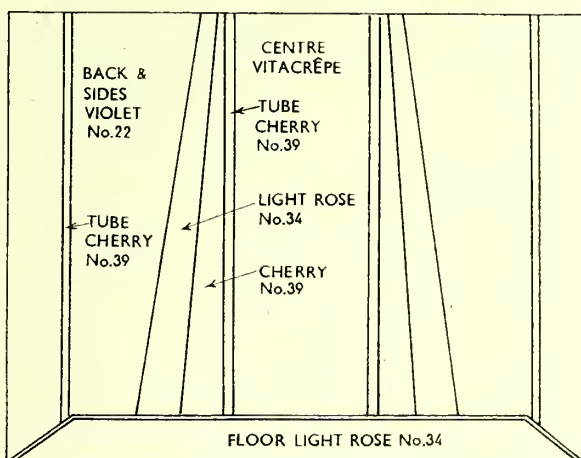
This key is easy to follow, the numbers and descriptions of the crêpe paper corresponding with those in the current list of the Dennison-Victor Co., Ltd., of London, who are the suppliers of the crêpe paper used in our





Display and background by A. A. Jackman

displays. The manipulation of crêpe paper is a comparatively easy matter, which, after some practice, can be carried out quickly and effectively (the second of a series of articles on crêpe paper appears on p. 526). The goods shown in the hot-water bottle window were supplied by courtesy of S. Maw, Son & Sons, Ltd., Aldersgate Street, London, E.C.1, and include such well-known types as Maw's Discus aluminium hot-water bottle, the Nustyle hot-water bottle (packed in smart cardboard display boxes), and the Meteor moulded bottle; also shown are a number of hot-water bottle covers, a large selection of which was lent to us by Messrs. Maw. The display, we may repeat, has been kept as simple as possible, and the least number of bottles has been used, with a view to avoiding undue depletion of the retailer's stock. We may remind our readers also of the great importance of boldly pricing each article, or group of articles; neatly-written price tickets add a final touch to the well-dressed window.



Colour Key

"Own-name" Lines

The display of chemists' "own-name" lines, illustrated on this page, was built up from a range of products supplied by courtesy of National Drug Industries, Ltd., manufacturing chemists, Emmott Street, London, E.1. The selection comprises those products for which there is a large seasonal demand, e.g., malt and oil (actually samples from the Halibyn range were used), cod-liver oil, cod-liver oil emulsion, cod-liver oil

emulsion with chemical food, chemical food, ammoniated tincture of quinine, cinnamon and ammoniated quinine, camphorated oil, eucalyptus oil and glycerin. In front of each small display is placed a neat showcard. The crêpe background is of a simpler design which harmonises with the general idea of the window. The dresser has obtained a pleasing effect by taking the out-sides of the centre drapes to a point on the floor about 6 in. from the back of the window, the insides being fixed to the back.

Pharmaceutical Society of Great Britain

Edinburgh Examination Results

THE following are the results of the examinations held in Edinburgh during the present month:—

| | No. | PRELIMINARY SCIENTIFIC EXAMINATION | | | | CHEMIST AND DRUGGIST QUALIFYING EXAMINATION | | | |
|---|-----|--|--------|----------|--------|--|--------|----------|--------|
| | | Absent | Failed | Referred | Passed | Absent | Failed | Referred | Passed |
| Entered for Prelim. Sc. exam. ... | 107 | 4 | 71 | 16 | 16 | — | — | — | — |
| Referred subject in Prelim. Sc. exam. ... | 50 | — | — | 29 | 21 | — | — | — | — |
| Entered for C. and D. exam. ... | 91 | — | — | — | — | 4 | 21 | 31 | 35 |
| Referred subject in C. and D. exam. ... | 87 | — | — | — | — | — | — | 18 | 69 |
| | 335 | 4 | 71 | 45 | 37 | 4 | 21 | 49 | 104 |

Candidates have been referred as follows:—Botany, 15; chemistry, 13; physics, 17; pharmacognosy, 6; pharmacy, 36; pharmaceutical chemistry, 7; total, 94.

Candidates have failed as follows:—Botany, 67; chemistry, 67; physics, 68; pharmacognosy, 15; pharmacy, 18; pharmaceutical chemistry, 19; forensic pharmacy, 8.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following candidates, having satisfied the examiners in the Chemist and Druggist Qualifying examination, have been registered as chemists and druggists:—

Adie, J. W., Sunderland
Allison, Kenneth, Bradford
Askew, Mary B., Keswick
Bailes, G. L., Bradford
Baird, H. D., Larbert
Bayne, William, Dundee
Black, W. S., Cowdenbeath
Bowman, W. S., Penrith
Brydon, Jean G., Perth
Budge, J. E., Newtonmore
Cairns, A., Maxwelltown
Cameron, J. W., Alexandria
Canning, F. P., Edinburgh
Carey, James, Paisley
Christie, C. McA., Aberdeen
Clark, A. S., Fyvie
Crossley, T. L., Wallasey
Cumming, Margaret, Kinnussie
Davy, A. S., Bradford
Dean, J. C., Whitby
Dewhurst, Jack, Halifax
Dews, Henry, Batley
Dransfield, G., Huddersfield
Dunnott, J. B., Montrose
Edwardson, Edith, Eastbourne
Farquhar, Margaret H., Aberdeen
Fingland, J. A., Barrhill
Fleming, A. N., Bathgate
Forbes, Leslie, Brighouse
Fyfe, J. F. N., Falkirk
Gibson, James, Glasgow
Gray, W. D., Galashiels
Gordon, D. L., Portsoy
Greenwood, Herbert, Southowram
Guthrie, Alexander, Glasgow

Hamilton, Andrew, Rothesay
Harrison, Fred, Hartlepool
Hart, John, Dundee
Hawley, Margaret, Liverpool
Herd, W. E., Leith
Hetherington, J. E., Consett
Horrocks, V. S., Leigh
Hoyle, W., Barnoldswick
Hudson, J. C., St. Helens
Hughes, Francis Mason, Turton
Hunter, A. E., Wigan
Ikin, Margaret, Huby
Jarvie, A. P., Kirkintilloch
Jones, J. G., Waenfawr
Kinnis, J. F., Newcastle-on-Tyne
Kraut, M., Newcastle-on-Tyne
Leitch, D. R., Aberdeen
Lewis, David, Leeds
Lind, R. H., Lanarkshire
Logan, R. M., Glasgow
Lonsdale, J. W., Bishop Auckland
Lothian, John, Portobello
McBeath, W. S., Galashiels
McEwan, A. H., Leven
McGuffie, H. S., Aberdeen
Martin, A., Dunfermline
Melrose, T., Waterhouses
Miller, Alexander, Glasgow
Mitchell, J. R. W. W., Findochty
Mitcheson, W., Spenny-moor

Moncur, D. A. R., Glasgow
Naughtie, Peter, Dufftown
Newton, J. R., Robin Hood
Normanshire, Kesse, Paisley
Orlans, E. A., Liverpool
Paterson, A. J., Largs
Pilgrim, Sydney, Leeds
Proctor, J. T., Edinburgh
Purdie, Norman, Edinburgh
Rattray, A. F., Troon
Rawsthorne, Mastin, Preston
Roberts, R. E., Llanrug
Robertson, D. A. S., Dundee
Robertson, Gladys M. B., Buckie
Robinson, D. W., Hull
Robson, S. A., Dring-houses
Russell, James, Dunfermline
Russell, J. S., Clack-mannan

Schofield, John, Leeds
Schofield, J. B., Manchester
Snodgrass, Janet A. L., Pencaitland
Taylor, R. P., Milnthorpe
Tennant, E., Hebden Bridge
Totty, T. H., Blackburn
Townsend, F. E., Sunderland
Trower, Lucy, Hull
Turton, Dorothy R., Stockton Heath
Usher, Muriel, Amble
Walker, G. A., Hull
Watkins, C., Llangynidr, Crickhowell
West, J. P., Aberdeen
Wherly, A. B., Thornaby Tees
Whitaker, G. W., Pudsey
Whitton, D. L., Arbroath
Williams, D. E., Crickieth
Williams, Elizabeth B., Llangollen
Williams, J. H., Denbigh
Williams, S. P., Bolton
Wroe, H. S., Featherstone

Branch Meetings

Eastbourne.—The annual meeting of the Eastbourne and District Branch was held on October 10. The following officers were elected:—*Chairman*, Mr. H. C. Browne; *Vice-Chairman*, Mr. F. J. Crisford; *Secretary and Treasurer*, Mr. D. Marchant; *Assistant Secretary*, Mr. F. J. Crisford. The dinner was provisionally fixed for January 17.

Glasgow.—The president of the Society (Mr. John Keall) addressed a meeting of the Glasgow and South-Western Scottish Branch in the Ca'doro Restaurant, Glasgow, on October 11. Mr. J. Moffat (chairman of the Branch) presided over a large and representative gathering. The Kinninmont scholarship, won by Mr. John A. Colston, was presented by the president, who congratulated him on his success.—On October 12 Mr. Keall addressed the members of the Branch in the Dumfries-shire area in the Imperial Restaurant, Dumfries. At both meetings the president outlined the more important points in the Pharmacy and Poisons Act, and spoke on the various activities of the Council. Interesting discussions took place at the meetings, the president replying to the various questions raised. Cordial votes of thanks were accorded to the president on the call of Mr. Martin Meldrum (vice-chairman of the Branch).

Halifax.—A meeting of the Halifax and District Branch was held on October 10, when Mr. T. Hardy (a member of the Society's Council) gave an address on "The Pharmacy and Poisons Act." The president (Mr. F. H. Swire) welcomed Mr. Hardy, who gave a very informative address. Many details were brought forward for the enlightenment of members, and a lively discussion followed. A feature of the meeting was the good attendance of the younger members. Councillor L. Chambers and Mr. H. R. Stocks voiced the thanks of the Branch for Mr. Hardy's address.

Norwich.—At the recent annual meeting of the Norwich and District Branch the president (Mr. J. Clifford Davies) gave a survey of the year's activities. The following officers were elected:—*President*, Mr. J. Clifford Davies (re-elected); *Vice-Presidents*, Mr. Waller and Mr. Pitchford; *Treasurer*, Mr. Collin; *Secretary*, Mr. Coleman. It was decided to abandon for the present the attempt to bring about a scheme for the supply of welfare centre foods and medicines through chemists.

Births

Notices for insertion in this column must be properly authenticated.

MILLAR.—At 42 Ardmore Road, Rothesay, on October 15, the wife of J. G. Millar, chemist and druggist, of a son.

TRANENT.—At Cheniston Gardens Nursing Home, Kensington, London, W., on October 22, Winifred (*née* Kingaby), wife of L. G. Tranent, M.P.S., of a daughter.

Marriages

COLLINS—DOYLE.—Recently, John J. Collins, M.P.S.I., Athy, to Kathleen Doyle.

COWLEY—JEFFERY.—At St. German's Parish Church, Peel, Isle of Man, on October 12, Ernest W. Cowley, chemist and druggist, to Dorothy Jeffery.

LOUGHNANE—MCDOWELL.—At Donnybrook Catholic Church, Dublin, recently, John C. Loughnane, Ph.C., Newtownforbes, co. Longford, to Maureen McDowell, B.Sc.

WILLIAMS—JOHNSTONE.—At Fairfield Presbyterian Church, Liverpool, on October 14, Edward Hugh Williams, chemist and druggist, to Janet Fraser Johnstone.

YOUNG—HODGINS.—At All Saints' Church, Blackrock, co. Dublin, on October 4, Samuel Young, L.P.S.I., to Ruth A. Hodgins.

Deaths

FLETCHER.—At Windmill, Enfield, on October 19, Mr. Frederick William Fletcher, Ph.C., F.C.S., governing director of Fletcher, Fletcher & Co., Ltd., manufacturing chemists, Vibrona Laboratories, Holloway, London, N.7, aged eighty.



Photo] [Blake Studios
MR. F. W. FLETCHER, PH.C.

Mr. Fletcher was the winner of a first prize in a C. & D. "Corner for Students" competition sixty-two years ago. He passed the Major examination in 1873, and became a partner with Mr. John Lorimer in a manufacturing business in Islington five years later. On the dissolution of the partnership he commenced on his own account, specialising in concentrated liquors and Vibrona. For many

years he contributed papers to the British Pharmaceutical Conference and to THE CHEMIST AND DRUGGIST, always on subjects of value to practising pharmacists. His research work on tinctures is classic, as exemplified in his monographs, with tables, in the C. & D., 1889, I, 108, 238; 1900, II, 12. His process for the manufacture of hydrobromic acid was adopted in the British Pharmacopoeia of 1885. In 1898 the business was reorganised with the assistance of Mr. F. Bascombe, F.I.C., Ph.C., and was converted into a private limited company. The directorate was subsequently joined by Major T. Clemens Usher (Mr. Fletcher's son-in-law); in 1909 a new factory was erected in Thane Road, N.7. Mr. Bascombe retired from the board some years ago, and in 1926 Mr. Keith Rayment was appointed a director. Mr. Fletcher was predeceased by Mrs. Fletcher

in 1929. A memorial service was held at St. Ippolyt's Church, Hitchin, on October 23. The interment, after cremation, was attended by the directors and the laboratory staff of Fletcher, Fletcher & Co., Ltd.; Dr. and Mrs. Harvey Francis; Mrs. and Mr. David Sampson Handley; Mr. George Usher and Mr. T. C. Usher, jr.; Mr. Henri Boisselier; Mr. W. Mair, F.C.S., and Mr. Claude Whiteside, for the home and foreign representatives; and many other friends. A correspondent (24/10) writes:—

"The late Mr. Peter MacEwan summed up Mr. Fletcher in two words, 'little and good.' Mr. Fletcher had known five editors of THE CHEMIST AND DRUGGIST—Messrs. Brough, Wootton, MacEwan, Woolley and the present editor. The epigram was not inapt: he was dainty in stature and nimble in mind and manner: even his handwriting was characteristic, neat and perfect in formation—even at eighty—revealing more than the artist's love of form: it showed strength and order as well. As far as his own printing output was concerned, nothing was too good in quality, style, texture and finish. It was in illness that he excelled: he would call in the most distinguished consultant to his highest-placed servant and equally to the humblest. He was happy in the evening of his days, happy in his home life and all his relationships. To have known him well was a great and cherished privilege, and is now a happy and inspiring memory."

ANDREWS.—At his residence, Prospect House, Astwood Bank, Redditch, on October 14, after a long illness, Mr. John Knowles Andrews, retired chemist and druggist, aged eighty-seven. Mr. Andrews, who was a native of Chesham, established himself at Astwood Bank in 1869, retiring last year. There being no medical man in the village, he was often called upon for advice in simple cases of illness; but he invariably suggested sending for a doctor when a case required it. In 1896 his services to the community were recognised by the public presentation of a testimonial, and his retirement was the occasion of an appreciation in "The Redditch Indicator." Mr. Andrews is survived by a son and five daughters.

HUSBANDS.—On October 14, Mr. Herbert Henry Husbands, chemist and druggist, Whitchurch, Cardiff. Mr. Husbands, who qualified in 1899, was the South Wales representative of Oppenheimer, Son & Co., Ltd., manufacturing chemists, London, S.W.9. He will be especially remembered for useful work in connection with the Cardiff meeting of the British Pharmaceutical Conference in 1930. Several members of the Radyr (Cardiff) Golf Club, to which he belonged, attended the funeral at Cardiff Cemetery on October 18. Messrs. J. T. Day (vice-president) and G. C. Jenkins represented the local Pharmacists' Association and Branch of the Pharmaceutical Society, which also sent a floral tribute.

JOHNSON.—At Wolverhampton, recently, Mr. Albert Edward Johnson, B.Sc., F.I.C., public analyst and author of a "Laboratory Companion," aged seventy-five.

MCMASTER.—In Glasgow, on October 16, Mr. James Walker Grieve McMaster, chemist and druggist, aged thirty-eight.

TAYLOR.—On October 12, following pneumonia, Mr. John Taylor, chemist and druggist, manager to H. S. Martin & Co., chemists, Church Street, Weybridge, aged forty-two.

WALSHAW.—At his residence, 18 Grasmere Road, Marsh, Huddersfield, on October 21, Mr. Richard Carnelly Walshaw, J.P., retired chemist and druggist, aged seventy-two. Mr. Walshaw was originally with Mr. William King (who owned a pharmacy established in 1840 by Henry Fryer), and soon after qualifying entered into partnership with him. On Mr. King's retirement in 1901, Mr. Walshaw continued the business under his own name till 1924. He served as president of the local Chemists' Association. In Chamber of Trade affairs he was equally active, having been for several years president of the local Chamber and a delegate to the National Chamber of Trade; in 1914 he was elected president of the National Chamber. Mr. Walshaw was made a magistrate in 1920, and was a co-opted member of the local Education Committee before he entered the Town Council on his retirement from business.

Trade Notes

BOURJOIS, LTD., 4 Water Lane, Blackfriars, London, E.C.4, have brought out an extremely beautiful silver

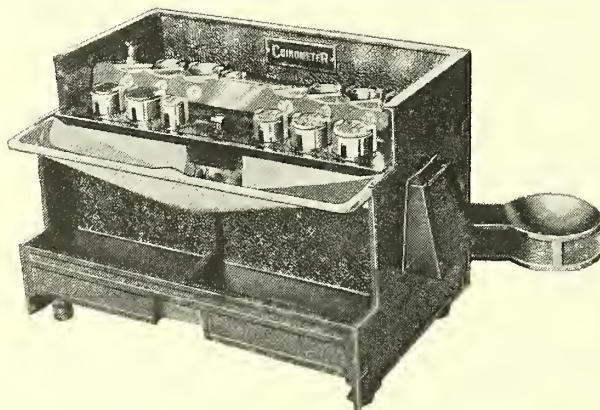


and blue display set in connection with their Evening in Paris toilet preparations. The background is a three-fold screen in dark blue showing stars and the moon; in front of the centre panel on a raised stand is a triumphal arch, which is surrounded by the various articles of this popular series. This striking arrangement would be an asset to any perfumery display, and it can be specially recommended for the coun-

ters and windows when Christmas goods are shown. The latest addition to the range is a dainty little compact powder. This line is packed one dozen in a display box, and in the lid of this box are accurate reproductions of the seven principal shades in which the compact powders are available.

A NEW LINE.—Edwards Harlene, Ltd., 20 Lamb's Conduit Street, London, W.C.1, announce the introduction of a combined hair dressing and tonic under the name of Harlene hair cream. It is supplied in two sizes.

THE COINOMETER.—Announcements in the C. & D. regarding a change-giving apparatus called the coinometer have aroused considerable interest among our subscribers. The machine, which is illustrated below, is supplied by Automaticket, Ltd., 197 Wardour Street, London, W.1. It is solidly built; takes up little space (the over-all dimensions are 14 in. by 10 in. by 9½ in.); it eliminates the hand-sorting and delivery of change, since the cashier simply builds up from the amount of the purchase to the cash tendered by flicking the coins off the tubes. The ease and speed with which change can be given is remarkable, yet neither experience nor ability at mental arithmetic is required to operate it.



Actually the change is not given, for it falls into a trough, goes down a chute and is presented to the customer in a tray (adjustable through 180°) on the customer's side of the machine. It will be noticed that there are two rows of six tubes; these hold coins of ½d., 1d., 6d., 1s., 2s., and 2s. 6d., which are pressed upwards against the lugs by springs. When a tube has been emptied it is replaced by a full one from the rear. Notes are accommodated in a drawer beneath the coinometer, and when the machine is left this drawer is inverted, slipped on the runners at the top and locked. The apparatus is then virtually a safe in miniature.

PRICE REDUCTIONS.—T. J. Smith & Nephew, Ltd., Neptune Street, Hull, publish the new wholesale and retail prices of elastocrêpe bandages on another page of this issue.

JOCKS.—Reference was made in this column recently to a throat and chest pastille supplied under the title Jocks by Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds. The company has now sent us a display outer containing one dozen tins, and this is shown in the accompanying illustration. There should be a good demand for this inexpensive line during the next few months.



DUDLEY & Co., LTD., 451 Holloway Road, London, N.7, have sent us their latest list, No. C.D. 1460, of their newest designs in Christmas posters, showcards and tickets. A copy of this list will be sent to any of our readers upon request.

J. G. GAMBLES & Co., LTD., 211 Blackfriars Road, London, S.E.1, are sending out the display material shown herewith on certain orders for Cutex nail polishes. This attractively designed stand measures 10 in. by 8½ in. by 1½ in., and is consequently particularly suitable for exhibiting on the counter.



DELIX.—Robel, Ltd., Eagle House, Jermyn Street, London, W.1, have introduced a new stick perspiration deodorant, and one dozen are sent out on the display



card as shown in the photograph reproduced here. Delix, as it is called, is pleasantly perfumed and attractively packed in screw-cap moulded containers.

ROMOR is the name of a rat exterminator made by Kuros Manufacturing Co., Ballymena, co. Antrim.

HARRINGTONS (LONDON), LTD., 137 Cheapside, London, E.C.2, who specialise in articles for babies, have introduced a soap and a powder. Particulars of these lines and of a special offer available until November 15 are given in the company's advertisement.

F. CLARKE & Co., LTD., 65 High Street, Newport, Mon., ask us to mention that they are not associated with Frank E. S. Clarke & Co., Ltd., 21 Cambrian Road, Newport, Mon. F. Clarke & Co., Ltd., is under the management of Mr. W. Scarnell Lean, B.Pharm., Ph.C., son of the chairman of the company, Mr. Wilfrid Lean, Ph.C. (Francis Hallam, Ltd., 44 High Street, Burton-on-Trent).

Personalities

MR. R. CRAWSHAW has joined the staff of Ford, Shapland & Co., Ltd., chemists' printers, London, W.C.1.

LORD LEVERHULME has presented nearly fourteen acres of land at Barnston to the Wirral (Cheshire) Council for preservation as an open space.

MR. M. L. DANIELS, managing director of the United Drug Co., Ltd., Nottingham, has left this country on a business visit to Egypt and Palestine.

MR. DAVID T. JONES, chemist and druggist, Brewer Street, London, W.1, has been installed M.E.Z. of the Royal Arch Chapter, Wellington No. 548.

COUNCILLOR J. WATERS, chemist and druggist, Darlington, has been returned unopposed as representative of the Pierremont ward of the Town Council.

MR. W. H. STONES, chemist and druggist, Bury St. Edmunds, has again been elected chairman of the West Suffolk National Health Insurance Committee.

MR. F. J. HICKS, chemist and druggist, Kensington, London, W.14, was installed Worshipful Master of the Arthur Williams Lodge No. 3052 on October 12.

COUNCILLOR H. S. TURNER, chemist and druggist, St. Ives (Hants), is Mayor-elect of the borough. This will be a second time that Mr. Turner has filled the Civic chair, the last occasion being in 1922. He has been a member of the Town Council for twenty-five years.

COUNCILLOR W. E. KIRKMAN, J.P., chemist and druggist, New Milton, Hants, has accepted an invitation to become Mayor of Lymington. Mr. Kirkman was in business in South Africa, and later at Broadstairs, prior to commencing at New Milton twenty-five years ago. He was a member of the old Parish Council at Milton, and also of the Milton Urban Council, and he was the first president of the Milton Chamber of Trade. He has also held other public positions.

ALDERMAN EDWIN THOMPSON, J.P., Governing Director of Thompson & Capper Wholesale, Ltd., Liverpool, has resigned his position as managing director of United Photographers, Ltd., Liverpool, Manchester and Leeds, and has no longer any connection, financially or otherwise, with that company. Alderman Thompson's son, Mr. E. Phillips Thompson, has also resigned his position as general manager, and will shortly join Thompson & Capper Wholesale, Ltd.

AN interesting ceremony took place recently in the works of Arthur H. Cox & Co., Ltd., manufacturing chemists, Brighton, to mark the completion of fifty years' service of their general foreman, Mr. Arthur Kinsey. Mr. Ernest Edmonds, chairman of the company, said that Mr. Kinsey had worked for a considerable number of his fifty years under the late Alderman Cox, and he hoped that he would still be connected with the business on the celebration of its centenary six years hence. Mr. Edward Cox, managing director, who had been associated with Mr. Kinsey for the greater portion of his fifty years, presented him, on behalf of the directors, with a gold

watch, and Mr. Harry Killick, chairman of the staff committee, presented him with a gold chain from his fellow workers and old friends.

Business Changes

MR. D. G. MOWAT, chemist and druggist, has acquired the business of J. & D. Rummell, chemists, 182 New Street, Stevenston.

MR. CHARLES CARR has taken over the Pharmacy, High Street, Docking, King's Lynn, recently owned by Mr. C. P. Whitehead.

I. ROWLAND JAMES, LTD., wholesale chemists, 16-18 Orchard Street, Swansea, are opening a branch at 11 Womanby Street, Cardiff, on November 1.

MR. J. HADFIELD, chemist and druggist, The Dependable Pharmacy, Stoneygate, Leicester, has opened another pharmacy in conjunction with Mr. Charles P. Butlin, chemist and druggist. The new business is run under the name of Hadfield & Co., dispensing chemists, 113 Uppingham Road, Leicester.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," October 11, 1933)

"BARTOLETTES"; for medicinal chemicals (3). By The Selecta Manufacturing Co., Ltd., 29A Bartholomew Close, London, E.C.1. 544,403.

"CLARINCHHO"; for a medicine (3). By W. E. M. Buchanan, 23 Coram Street, Russell Square, London, W.C.1. 544,413.

"GLEN BRAND ELDERMINT TABLETS" on label design incorporating landscape; for chest and lung tablets containing extracts of elder and mint (3). By Carter Bros., 45 Valley Road, Shipley. B538,993.

"LAVOMEAL"; for perfumery, etc. (48). By Yardley & Co., Ltd., 105 Carpenter's Road, Stratford, E.15. 543,206.

"ANIRUFENE"; for perfumery, etc. (48). By W. N. Thornton, 12 Henry Street, Brighouse, Yorkshire. 543,835.

"NONSPI"; also "NONSPI" with bottle design; for preparations for deodorising and drying perspiration (48). By Nonspi, Ltd., 300 Gray's Inn Road, London, W.C.1. 544,050/051. (Associated.)

"NILDORSTIK"; for perfumery, etc. (48). By The Dubarry Perfumery Co., Ltd., Hove Park Villas, Hove, Sussex. 544,473.

(From "The Trade Marks Journal," October 18, 1933)

"KILOPTERA"; for chemicals (2) and for medicinal chemicals (3). By Imperial Chemical Industries, Ltd. Imperial Chemical House, Millbank, London, S.W.1. 541,577/578. (Associated.)

"HULSIET"; for disinfectants (2). By F. Hulse & Co., Ltd., Woodlesford, Near Leeds. 541,828. (Associated.)

"KEMPAC" on device including fly (fly device disclaimed); for insecticides (2). By Kempac, Ltd., Clarence Hall, Bradford Road, Batley. 544,240. (Associated.)

"VITADEX"; for medicated pastilles, etc. (3). By Convoy Collections, Ltd., Albany Street, Newport, Mon. 541,780. (Associated.)

"SAMENYL"; for all goods (3). By H. G. Jacobson, 38 Fritschestrasse, Charlottenburg, Berlin. 542,664.

"CLEARABEL"; for preparations for the nose, throat, etc. (3). By A. E. Morrall, The Rock House, Trafalgar Street, Cheltenham. 543,482.

"SUNAX"; for medicated confectionery (3). By Sunsweets, Ltd., 75 Russell Street, Peterborough. 543,792.

"HIKIMO"; for preparations for the feet (3). By Leggett & Co., Ltd., 16 Union Street, Liverpool. 544,161.

"SLOAN'S BRAND LINIMENT" with portrait of Dr. E. S. Sloan, facsimile signature and words "Kills Pain"; for liniments (3). By Dr. E. S. Sloan, 300 Gray's Inn Road, London, W.C.1. 544,365. (Associated.)

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Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

H/24. Factice hair dye
B/24. George Barr's combined account registers
S/21. Herblue
C/10. Iodine and milk protein 5-gr. tablets
H/16. Japanese headache plasters

H/24. Optune (ophthalmic capsules)
G/23. Opturatin
B/18. Schumann's salts
D/23. Vulgas crêpe-rubber insoles

THE CHEMIST AND DRUGGIST

VOL. CXIX. OCTOBER 28, 1933 NO. 2803

Chemical Manufacturers' Report Progress

THE report presented at the nineteenth annual general meeting of the Association of British Chemical Manufacturers, extracts of which were published in our last week's issue, is possibly the most important and impressive document that has so far been issued by this organisation. Embodied in the statement is a detailed record of the many activities undertaken and the results achieved to date, which clearly indicate that the whole industry has materially benefited, particularly in connection with recent legislation affecting the industry. The views of the Association on many important subjects concerning the future welfare of the industry are made known, including in which are a number of pertinent observations. The claim, for instance, that the Government should consider the views of the industry, through the medium of the Association, before taking action in any matter with which the industry is concerned, is reasonable. There is no doubt that the industry has made good and sound progress; it is well established and is now capable of taking its place as a leading basic industry, efficient and substantially adequate to meet the demands of commerce and, if needs be, to serve the nation satisfactorily in time of peril. A vastly different position to that of some twenty years ago. The progress that has thus been briefly summarised is due to some years of steady development under the assistance afforded by the safeguarding of key industries and other similar but more recent legislation, in all of which the Association played a prominent part in securing. During the past three years the field of activity has been considerably widened and under the able and energetic leadership of the retiring chairman (Dr. E. F. Armstrong) and the general manager (Mr. Davidson Pratt) the Association has launched the industry in our Empire markets overseas.

Selling to the Empire

In reviewing the results so far obtained from the Ottawa Agreements, the chairman pointed out that it was not to be expected that substantially increased business would be instantly recorded; rather that the outcome of the Ottawa Conference ought to be accepted as the foundations on which should be gradually built up a comprehensive scheme of inter-Empire trade. Efforts in that direction are now being made, particularly in the case of the trade agreement with Canada. The Association has suggested to its members through the medium of a memorandum that they should avoid as far as possible entering into any arrangements with foreign competitors which will hinder them in taking the fullest advantage of the new Empire preferences on British chemicals. Complaints are stated to have been made by Canadian buyers on this subject to the effect that, although they desired to "Buy British" it had been found in some instances that, owing to the British product being ruled by an international convention, it was either barred from sale in certain Empire territories or could be sold only at a price that conformed to a general standard at which the similar foreign product was sold.

International Trade Policy

The policy which has been generally adopted in the past of including a "most-favoured-nation" clause in commercial agreements with foreign nations was no doubt to be commended in the days when the importation of merchandise into this country was almost wholly free of duties, but conditions to-day, with a general import tariff operating and Empire preferences, certainly make it desirable, as the Association suggests, that, before agreeing to the inclusion of this clause in future international trade agreements, the Government should seek the opinion of the industrial interests concerned. So far the Government appear to have been unable to accept the proposal.

Prescriptions Marked "Urgent"

As is well known, prescriptions written by panel practitioners for patients who are insured persons may be marked "Urgent" if required to be dispensed during hours when chemists are not obliged by the terms of their contracts with insurance committees to remain open for the supply of medicines. Panel practitioners are reluctant, as a rule, to mark prescriptions "Urgent," lest exception be taken to the cost of their prescribing; but there are many occasions when such prescriptions are given to patients, who then need to find some pharmacy where late dispensing service is available. It should not be outside the knowledge of any well-informed panel practitioner what chemists in his vicinity can be relied upon to render late service when properly required to do so. Unfortunately there is a tendency in medical circles to disparage the facilities available for late dispensing service: a striking example of this appears in "The Lancet" of October 7, under the sectional heading "Panel and Contract Practice." It is there stated that "in this connection the public and the profession have definite ground of complaint about the dispensing service provided after hours in most areas." No evidence is furnished to justify this general charge of inefficiency, but the writer who makes it proceeds to remark that there seems to be no point in marking a prescription "Urgent" if no chemist is ever available to make it up after hours. He adds: "In the early days of the Act most chemists lived above or in touch with their shops, and it was possible to get medicines supplied outside the ordinary hours; but to-day it is quite possible to go the round of every chemist shop in a town and get no reply from any of them." He admits that in some areas there would be many nights when a single chemist on duty until, say, 10.30 p.m. would find very little to do; but he reveals a gross state of ignorance, inasmuch as he is obviously unaware of the fact that there is probably no area where the service of chemists is not available to supply medicine required urgently at any hour of the night. True, no single shop may be open for the receipt of custom after regular hours; but the service is available nevertheless, and panel practitioners ought not to consider that their obligations to their patients are completely fulfilled until they have advised them where prescriptions for medicine required urgently at a late hour, and properly marked "Urgent," can be dispensed. It is to be feared that nothing short of the keeping open of all chemists' shops until very late hours would satisfy some medical writers to the Press. The writer in "The Lancet" concludes his review of the existing situation as he sees it by suggesting that the chairman of the Pharmaceutical Service Subcommittee for London should "consider the peregrinations of an 'Urgent' prescription in the metropolis after 8 p.m." But if London is the area, or one of the areas, where alleged insufficient service dispensing is provided, correct information on the subject could readily have been obtained either from the clerk to the Insurance Committee or the secretary of the Pharmaceutical Committee; and we feel confident that no difficulty would be experienced in proving the baselessness of the charges upon which we have commented.

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council was held on October 20 in the Society's offices, Belfast, the retiring president (Mr. R. I. Edwards) in the chair. There were present also Messrs. Fred Storey, H. Todd, S. Gibson, A. C. McBride, J. E. Connor, W. S. Taylor, W. Martin, G. W. P. McCann, S. H. Forrest, H. F. Moore, J. F. Grimes, Professor Small and Dr. Fielden. Mr. D. L. Kirkpatrick (secretary) was in attendance. An apology for absence was read from Dr. Acheson.

NEW MEMBER WELCOMED

THE PRESIDENT welcomed Mr. Tate on taking his seat for the first time. He congratulated Messrs. McBride and Taylor on their re-election, observing that they would form a useful link between the country schools and the Council. As to Mr. Tate, he had pleasant recollections of his father, the late Mr. James Tate, from the old days of Messrs. C. & J. Montgomery. He had no doubt Mr. Tate would be an acquisition to the Council. He also wished to thank all who had supported him (the president) at the election and given him such a vote of confidence.

MESSRS. MCBRIDE, TAYLOR and TATE briefly returned thanks.

CORRESPONDENCE

THE SECRETARY reported receipt of the new Calendar of the Pharmaceutical Society of Great Britain and a copy of the third edition of Professor Small's work on botany.

On the motion of Mr. TODD, seconded by Mr. MCBRIDE, the thanks of the Council were tendered to Professor Small.

The Ministry of Home Affairs forwarded a list of the names of pharmaceutical chemists licensed during the period between July 1 and September 30. There were two new ones and seven transferred.

New.—H. B. Hatrick, 71 Donegall Road, Belfast; John J. O'Hare, 12A Hill Street, Newry.

Transferred.—Samuel Warnock, Kilkeel; Walter B. Mullin, Crossgar; John A. McRoberts, 4 Shaftesbury Square, Belfast; Brian J. Flatley, Magherafelt; Sanderson & McKillen, Ltd., Bridge Street, Ballymena; Jas. Thompson, Irvinestown; Jas. F. Sherwood, Rostrevor, co. Down.

The principal of the Municipal College of Technology, Belfast, wrote granting the use of the College for the Society's winter examinations, beginning on December 4.

SCHOOL RECOGNISED

It was decided to recognise the High School, Ballycastle, for the teaching of physics and chemistry in connection with the Society's examinations.

MEMBERS ELECTED

The following nominated candidates were elected members of the Society:—Wilson Lyttle McDonnell, The White House, Portaferry; Robert James Picken, Magherafelt; William Wallace McDonald, 27 Lithos Road, Hampstead, London, N.W.3.

DANGEROUS DRUGS ACTS

The secretary was authorised to obtain from the Home Office the name of any doctor who might from time to time be struck off in connection with the Dangerous Drugs Acts. In reply to Mr. Storey, THE SECRETARY said they got the names of dentists struck off from Great Britain.

THE SOCIETY'S LIBRARY

It was decided to order certain books for the Society's library, and it was agreed to give the Education Committee power to bring the library up to date.

THE PRESIDENT said that they were going to have a fine library.

CONGRATULATIONS TO MR. SKINNER

Congratulations were ordered to be sent to Mr. Herbert Skinner, a past-president of the Pharmaceutical Society of Great Britain, on his marriage to Miss Claremont.

MR. CONNOR, MR. MCBRIDE, MR. STOREY, MR. TODD and PROFESSOR SMALL spoke highly of Mr. Skinner's interest in the Northern Society, especially in connection with reciprocity.

THE TEACHING OF BOTANY

Discussion took place on the expenses of local education committees in obtaining botany teachers from adjoining towns. In Enniskillen, it was stated, the committee had paid £50 as travelling expenses in bringing a man from elsewhere. It was suggested that licentiates of the Society should be allowed to teach in certain cases, but it was stated that the Ministry of Education would not sanction it.

THE PRESIDENT suggested they should have a teacher of their own to go round the different towns. The matter was referred to the Education Committee.

OPENING OF NEW PREMISES

The House Committee reported that they hoped to open the new premises on November 6 at 3 p.m. Sir Dawson Bates, Minister of Home Affairs, had consented to perform the ceremony, and other representatives of the Government, with representatives of the University and the trade, would be present. For the following three days the Society would have an "At Home," to which all chemists in Northern Ireland, members and associates, were invited. The guests would be received by the present president (Mr. Edwards).

ELECTION OF PRESIDENT

MR. EDWARDS moved the election of Mr. John Maxwell (Londonderry) as president of the Society for the ensuing twelve months. He expressed regret that Mr. Maxwell had been ill so long, but was glad he was recovering, although it would be some time before he could be able to attend meetings in Belfast. He had, however, agreed to leave himself in the hands of the Council. Mr. Maxwell was a man universally esteemed, one who had taken a deep and practical interest in that important pharmaceutical centre, Londonderry. All the time during his daily labours he had maintained a standard of dignity and efficiency. A foundation member of the Pharmaceutical Council, he came there year in and year out, and helped by his presence and voice to bring the Pharmaceutical Society of Northern Ireland up to its present state of efficiency. A year ago he nominated him as their vice-president, which they unanimously confirmed. This had given Mr. Maxwell great pleasure, and was hailed by the pharmacists of Derry city with much gladness. He felt, taking all things into consideration, and hoping that Mr. Maxwell would continue to improve, that it would be the right and sympathetic thing for them to do, and also that it would cheer and help Mr. Maxwell in his recovery.

MR. STOREY seconded the motion, which was supported by Mr. TODD and passed by acclamation.

ELECTION OF VICE-PRESIDENT

MR. MCBRIDE moved the election of Mr. W. Martin as vice-president. MR. TODD seconded the motion, which was supported by MR. STOREY and passed unanimously.

MR. MARTIN returned thanks and took the vice-chair. MR. STOREY threw out the suggestion that the officers should hold office for two years, and expressed the hope that it would be considered later on.

MR. CONNOR presented Mr. Edwards with a jewel in recognition of his services.

MR. EDWARDS said he had had a happy year of office, and was grateful to the secretary and the members for all their help.

ELECTION OF TREASURER

On the motion of Mr. TODD, seconded by Mr. McBRIDE, Mr. Samuel Gibson, J.P., was unanimously elected honorary treasurer in succession to Mr. Todd, who was heartily thanked for his services.

ELECTION OF COMMITTEES

The committees for the ensuing year were elected as follows:—

Education.—Professor J. Small, Messrs. S. S. Badger, H. F. Moore, H. Todd, W. C. Tate, S. H. Forrest, F. Storey, S. Gibson, R. I. Edwards, J. F. Grimes.

Law.—Dr. S. E. A. Acheson, Messrs. F. Storey, S. H. Forrest, H. F. Moore, G. W. T. McCann, J. E. Connor, H. Todd, S. Gibson, R. I. Edwards, J. F. Grimes.

General Purposes.—Dr. V. G. L. Fielden, Messrs. A. C. McBride, W. C. Tate, S. H. Forrest, G. W. T. McCann, H. Todd, F. Storey, S. Gibson, R. I. Edwards, J. F. Grimes.

Finance.—Sir Thomas McMullan, Messrs. F. Storey, S. H. Forrest, H. F. Moore, A. C. McBride, W. C. Tate, H. Todd, S. Gibson, R. I. Edwards, J. F. Grimes.

With the president and vice-president as *ex-officio* members of all the committees.

PHARMACEUTICAL PRELIMINARY EXAMINATION

It was reported that at the autumn Matriculation examination, Queen's University of Belfast, the follow-

ing candidates had passed the Pharmaceutical Preliminary examination:—Andrew B. Johnston, Thomas Rea.

The following candidate passed the Pharmaceutical Preliminary examination in three subjects:—John Bain (English, Latin, chemistry).

THANKS TO MR. EDWARDS

MR. STOREY, in proposing a vote of thanks to the outgoing president, said Mr. Edwards had carried out his duties in the chair in an able, dignified and courteous manner, without fear or favour. It had been a heavy year's work, especially in connection with the new premises, and only those who were members of the House Committee knew the enormous amount of work he had done. It must be a source of great pleasure to him to know that the purchase and equipment of their headquarters had been completed during his term of office. All the previous occupiers of the chair would have liked this honour. They all appreciated the efficient manner in which the business of the Council had been conducted without any waste of time.

MR. A. C. McBRIDE, in seconding, said they were all very pleased that the completion of the new premises had taken place during Mr. Edwards's time of office. He had carried out his duties to the satisfaction of them all.

The vote of thanks was passed by acclamation.

Dublin and Provincial Retail Drug Association

THE annual meeting of the Dublin and Provincial Retail Drug Association was held at Jury's Hotel, Dublin, on October 16, Mr. James Duggan, M.C.P.S.I. (president), in the chair. The attendance of members included Messrs. A. R. Lester (Cork), F. Maxwell, R. B. Brown, P. Cahill, F. J. Robinson, J. Gleeson, M.C.P.S.I., D. Warwick, M.C.P.S.I., J. Smith, R. Campbell, A. J. Donnell, J. T. Dwyer, M.C.P.S.I., G. A. McLean Lee (treasurer), T. C. Scott, Dr. Walsh, Miss N. E. Brown, and Mr. R. J. Kidney (secretary).

THE LATE DR. BARNES

The minutes of the last annual meeting having been read and signed, THE PRESIDENT said: I would like to refer to the loss we have sustained in the death of Dr. Barnes. As you know, he was president of this Association in 1915. I did not know him personally—I came here shortly after he left Dublin—but I would like to propose a vote of sympathy with his relatives.

The motion was passed in silence, all members standing.

MR. JOHN SMITH said that before passing from the matter he would like to make reference to what Dr. Barnes did for the P.A.T.A. and their own Association. It was solely as the result of Dr. Barnes's work that Ireland got representation in any way on the P.A.T.A. He did not think they should pass over lightly all Dr. Barnes had done for their own Association, of which he was practically the founder. Nor should they forget all the time he put in on the P.A.T.A. They should place on record their grateful thanks to the memory of the man who did such good work in originating the Association. Dr. Barnes was held in the highest esteem by the members of the P.A.T.A. in London. They were shocked to hear of his death.

MR. BROWN said that as a junior member he would very much like to endorse what Mr. Smith had said. Personally he had not come much in contact with Dr. Barnes, but he would like to say, "I thank you, and I thank him for what he did for the profession in the city and country." There was no time in business when everything was being cut so fine as at present, and for that reason he did not know how they could have got on

without such an Association as they had to-day, and that organisation was due to Dr. Barnes. (Applause.)

FINANCIAL STATEMENT

Presenting the balance sheet and statement of accounts to the meeting MR. McLEAN LEE (treasurer) said his report this year was much better reading than last year. (Hear, hear.) The income for the year from subscriptions came to £490; advertisements brought in £86 6s. 2d.; price lists, £2 5s.; interest on National Loan, £30 2s.; deposit interest, £3 13s. 8d.; duty labels, £4 16s. 9d. The total income was £617 3s. 7d. On the expenditure side the secretary's salary came to £192; postages, telephones, etc., £56 17s. 10d.; printing and stationery, £250 17s.; sundry expenses, £84 19s. 9d.; bank charges, £1 9s. 4d.; travelling expenses, £16 14s. Those figures gave a balance showing excess of income over expenditure of £14 5s. 8d. Last year the Association had an adverse balance of £105. As compared with that return they were £119 better this year, while they had increased their capital from £939 11s. 9d. to £953 17s. 5d.

MR. BROWN: You were under very heavy expense this year getting new members in.

MR. CAMPBELL: If the new List could be made for two years it would save a lot.

MR. McLEAN LEE mentioned that it was intended to make the List last for two years, but when they sent a canvasser out to get new members the success was beyond their expectations.

MR. SMITH suggested that the Association try to get more advertisements to pay the costs of publication. He thought it would be advantageous to the Association to have the List published annually.

THE PRESIDENT: If we got enough money from advertisements.

MR. SMITH: At one time we had so many advertisers that we could nearly give the List free. We cannot ask advertisers to subscribe for one year if we cannot assure them of an annual issue. There is no rate of charge for two years.

MR. McLEAN LEE said the List last year cost £222, against which they got £86 6s. for advertisements.

They lost £70 last year on the List and £136 this year.

MR. DONNELL expressed the view that it would be better to spend the money on propaganda and travelling around the country getting new members than on additional Lists. It was only when there was a drastic revision of prices that there was any sense in getting new Lists.

THE PRESIDENT: If we get 100 new members we can publish a new List.

MR. LESTER: There is no difficulty in getting new members. It is only a question of going round.

MR. BROWN suggested that the advertisements be interleaved, but MR. MCLEAN LEE said he did not think that was feasible. On the question of issuing the List annually he did not think they should bind themselves down.

MR. WARWICK: I think we can leave the matter in the hands of the Committee. They did very well in the past. I second the adoption of the treasurer's report. The report was unanimously adopted.

THE PRESIDENT'S ADDRESS

THE PRESIDENT, in the course of his address, said:—"Gentlemen, you have heard from the treasurer's report that our Association is in a sound condition financially. It is also flourishing numerically. The number of members has increased considerably during the year. Last year we had 339 members. Eighteen lapsed during the present year, sixty-nine new members were elected, and twenty-two old members readmitted, making a total of 412. This is an increase of seventy-three for the year. There are still some chemists who think they are saving 25s. a year by not joining the Association, but in reality they must be losing far more per month. There were twenty-four Committee meetings and one special general meeting held; 258 letters were dealt with and 1,338 price changes sent to members since the last list was issued. A new Price List is now in the printer's hands, and we hope to have it circulated in about a month. The Committee have been instrumental in obtaining fair play for chemists when manufacturers have tried to cut down the retailers' profit. Non-members benefit by the Association's work as well as members. The sending out of price changes is only a small part of the work done. There have been very few complaints of cutting by members, and I think in all cases it was proved to be either unfounded or due to error. I wish to thank Mr. Kidney for all the trouble he went to during the year. His wonderful memory has always been a great help to us."

DISCUSSION

MR. SMITH said that before passing from the president's address he would like to congratulate him on his success in the recent Pharmaceutical Council elections. (Hear, hear.) He was third on the list of members, which was a very good testimony to his popularity and the work he had done for the Retail Drug Association. He would like also to congratulate Mr. Warwick on heading the poll at the elections. (Applause.) Mr. Smith then dealt at length with the work of the P.A.T.A., on which he is the Irish representative.

A lengthy discussion followed on the question of shop hours. MR. KILLACKY proposed that a card vote be taken on the matter, and MR. DWYER and MR. MAXWELL supported him.

MR. SMITH and MR. MCLEAN LEE spoke against the proposal.

MR. DONNELL suggested that a deputation be sent to the Dublin Corporation asking them to enforce the existing closing order.

Further discussion ensued, but no action was decided upon.

COMMITTEE RE-ELECTED

On the motion of MR. WARWICK, seconded by MR. LESTER, the retiring members of the Committee were re-elected, the following now constituting the Committee:—Messrs. H. J. Sumner, J. Smith, T. C. Scott, J. A. Doyle, J. J. Roche, F. McAnally and G. A. McLean Lee.

ELECTION OF OFFICERS

At a Committee meeting held following the annual meeting Mr. T. C. Scott, M.P.S.I., Harold's Cross,

Dublin, was unanimously elected president for the coming year (see p. 520), with Mr. Philip Brady, M.P.S.I., Camden Street, Dublin, as vice-president. Mr. McLean Lee was re-elected treasurer, and Mr. R. Campbell honorary auditor.

Festivities

South-West Londoners' Dance

MEMBERS of the South-West London Chemists' Association held the opening dance of the session on October 11, at the Arlington Rooms, Clapham. There was a good attendance and new surroundings made the event most enjoyable. Spot prizes were won by Miss Godden and Mr. Abbott and Mr. and Mrs. Allston.

Staff Function

THE most successful dance held by Maclean's Social Club took place on October 14, in the staff restaurant at Macleans, Ltd., Great West Road, Brentford. All departments were well represented, and laboratory, factory and office staffs combined to enjoy a thoroughly sociable evening. The success of the dance was due to the enthusiastic efforts of the Club council, led by Mr. W. R. McGeorge (chief chemist).

Newcastle Dinner

THE annual dinner of the Newcastle, District and Northumberland Branch of the Pharmaceutical Society was held on October 18. About eighty members and friends attended, a pleasant feature being the welcome presence of a large number of ladies. Mr. Rufus Hepworth (president) occupied the chair. The toasts were as follows:—"The King," proposed by the chairman; "The Pharmaceutical Society," proposed by Dr. Dawson Walker, and responded to by Mr. John Keall (president of the Society); "The Medical Profession," proposed by Mr. C. E. Layne and responded to by Dr. Hugh Dickie; "The Ladies and Visitors," proposed by Mr. D. J. Weddell and responded to by Mr. Elias Lamble (chairman of the North of England Joint Insurance Pricing Bureau). An additional toast to the chairman and officers of the Branch was proposed by Mr. G. C. Crummack (Leeds). Music and a delightful recitation given by Mrs. Hay added very much to the evening's enjoyment.

Manchester Junior Function

THE first social function in connection with the Junior Section of the Manchester Pharmaceutical Association took place at the Piccadilly Cinema Dance Salon on October 18. The attendance of 147 was a record for a tennis dance. After refreshments had been served, the president of the Tennis Club (Mr. John Cleworth) presented the following prizes:—President's prize, Miss G. Jackson and Miss Chapelier; the Woolley cup, Miss J. Broughton and Mr. W. Edwards; the Cupal cup, Miss D. M. Yoxall and Mr. T. R. Johnstone. Each of the cup winners received a replica. The president then announced that he had a pleasant duty to perform in presenting a gift in acknowledgment of the work of Mrs. R. B. Maskell on behalf of the Junior Pharmacy Club. Mrs. Maskell, on accepting the gift, received an ovation. Mr. W. Edwards moved a vote of thanks to the donors of the prizes, and to the president, and to Mrs. Cleworth for kindly officiating at the table and distributing the prizes. Mr. H. Steinman and Mr. H. B. Maskell proved their efficiency as M.C.s of a very enjoyable function.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.—The Calendar of the Pharmaceutical Society of Great Britain for the year 1933-34 has just been published, price 3s. 6d., and is obtainable at 16 and 17 Bloomsbury Square, London, W.C.1. The Calendar is larger by several pages than that for the past year, chiefly on account of the space occupied by the Pharmacy and Poisons Act, 1933. A brief comment on the relation of the Society to the Act is also given.

Proprietary Articles Trade Association

Council Meeting

A MEETING of the Council of the Proprietary Articles Trade Association was held on October 12, the president (Mr. W. L. Edwards) in the chair. The president referred to the death of Dr. A. J. Barnes, who for many years had been the representative of Irish retailers on the Council. The Council passed a resolution of sympathy with the family of Dr. Barnes.

WITHHOLDING NON-P.A.T.A. ARTICLES FROM CUTTERS

The Council reaffirmed the importance of adherence by P.A.T.A. manufacturers and wholesalers to the policy of withholding supplies of all goods from notorious price cutters. The Council decided that the co-operation of individual retail members and of pharmacists' associations be sought in securing the more general adoption of the policy by manufacturers and wholesalers.

ENFORCEABLE AGREEMENTS

It was reported that, during the past quarter, twenty-one agreements involving the payment of liquidated damages in case of breach had been signed by stop-listed traders, as a condition of the removal of their names from the list.

PRICE CUTTING IN THE METROPOLITAN AREA

It was reported that the Executive Committee had received a deputation representing a committee of the Greater London pharmacists' associations. The deputation had expressed the great concern of chemists in the Metropolitan area in connection with the price cutting of P.A.T.A. articles, and had emphasised the necessity of all possible steps being taken to cope with the evil. The Council resolved that the deputation be informed that the further co-operation of manufacturers, wholesalers and retailers would be sought in combating the activities of the price-cutting traders.

SUGGESTED DISTINCTIVE MARK

The Council considered the suggestion of a retail member that manufacturers of P.A.T.A. goods should be asked to place on their product a distinctive mark, which would indicate to the vendor that the article is on the P.A.T.A. List. It was the view of the Council that the general adoption of this suggestion would be impracticable.

NEW RULES

The Council passed the following rule:—"No alteration of terms, involving change in the retail or wholesale rates of profit, of articles already on the Protected List, may be made before being submitted to and agreed by the Council."

The Council adopted the following rule:—"A candidate for election to the Council shall be nominated by a member and seconded by another member of his section of the Association."

The quarterly report on price maintenance work dealt with a wide field of investigation. Test purchases from price cutters had been higher than in any previous quarter, and a large number of sources of supply had been traced.

ANOTHER DISCREDITED TERM.—"Neurasthenia" is an obsolete term, expressing an obsolete theory completely obscuring the nature of the conditions it is intended to describe, and is typical of the still prevalent lack of understanding of psychogenic illness or psychological theory. It should therefore be discarded, but if it is not, we must be clear that we are using the word as an equivalent merely of 'abnormal subjective fatigability without obvious organic cause.'—Dr. H. V. Dicks in "The Lancet."

National Pharmaceutical Union

Branch Meetings

Carmarthenshire.—At a meeting of the Carmarthenshire Branch a resolution was unanimously passed placing the following notice of motion on the agenda of the coming Conference:—"That no member interested in the wholesaling of pharmaceutical preparations to other than pharmacists, doctors, dentists and veterinary surgeons shall be eligible for a seat on the Executive Committee of the National Pharmaceutical Union."

Devon.—The annual report of the Devon Branch covering the year 1932-33 states that three meetings have been held during the year besides a district meeting at which Mr. G. A. Mallinson addressed the members on the National Publicity scheme. The committee of the Branch hopes that all members in this area who have not already promised their support will act without delay, so that the scheme may be launched on an effective scale. Special consideration has been given to the "Out of Friends" scheme of the Plymouth and District Branch, which aims at a loyally supported agreement among chemists in withdrawing active support from suppliers who adopt sales methods which are considered detrimental to pharmaceutical interests. A questionnaire on the subject was issued to ascertain what measure of support would be forthcoming if such a scheme were adopted in this area. There was no indication of practical support from the company shops, and after full consideration it was decided to request the N.P.U. to approach the Company Chemists' Association on the matter and to defer action in the meantime. The operation of gift schemes has also received special attention during the year, and it was noted with satisfaction that the Executive was supporting the National Chamber of Trade in its endeavours to make these illegal. A resolution was sent to the Central Executive drawing attention to the very general abuse of the rule which allows a special discount to trained nurses on goods for their own use. The customary watch has been kept on applications for licences to sell agricultural poisons. The Central Executive is in close touch with the Departments concerned in the drafting of Regulations under the new Pharmacy and Poisons Act, but the Central Executive through the branches should represent the collective wisdom of the Union. It is of special importance therefore, at the present time, that the branches should be fully supported.

Leeds.—A meeting of the Leeds Branch was held on October 10, Mr. N. H. Burns in the chair. Mr. Herbert Hodgson (president of the Horsforth Photographic Society) gave a very attractive cinematograph entertainment, featuring "pharmacists at play at the Bowman garden party." Ladies were invited, and there was a good attendance.

Sheffield.—A meeting of the Sheffield and District Branch was held on October 18, Mr. C. W. Hobson in the chair. The secretary reported that he had successfully opposed the application for the granting of a poison licence. A letter was considered from the Carmarthenshire Branch that any pharmacist supplying pharmaceutical preparations and packed drugs to hucksters' shops should not be eligible for a seat on the Executive Committee of the Union and asking that this should be made one of the rules of the Union. After discussion, it was decided to inform the Carmarthenshire Branch that while they fully sympathised with them, they thought the proper method to deal with the matter was when such candidates came up for election for the Executive Committee. The chairman gave a comprehensive survey of the Executive Committee's activities on the publicity scheme, and after a long discussion the following resolution was adopted:—"That the publicity scheme should be proceeded with at all costs." A small committee was appointed to forward the scheme among the members of the Branch.

Guild of Public Pharmacists

THE opening meeting of the present session of the Guild of Public Pharmacists was held at 17 Bloomsbury Square, London, W.C.1, on October 18, the president (Mr. H. Davis) in the chair. Apologies for absence were received from Mr. A. H. Jenkin and Mr. F. G. Hobart. There was a good attendance to hear Mr. A. L. Bacharach, M.A. (Cantab.), F.I.C. (chief chemist, Glaxo Laboratories), give a lecture entitled

The Public Pharmacist and the Industrial Chemist

[ABSTRACT]

I WILL begin by reversing the usual procedure of textbooks of philosophy by proceeding from the general to the particular. By way of a general remark I would say that it seems to me the function of an organisation like ours, and particularly the function of its technical officers, as in my own laboratory, to consider questions of utility, quality, and economy. Indeed, the generality can be simplified and boiled down by saying that our whole object is utility, because without utility there can be neither quality nor economy.

The particular features of our ampoule are the ease with which it is opened, the extreme rarity with which it splinters, and the fact that when it is open the aperture presented has a diameter almost as great as that of the body of the ampoule, instead of a narrow aperture that is liable to waste part of the contents. But there are other features. These ampoules can be handled in the way described by virtue of the particular technique used in manufacturing the ampoule itself. They have a slight strain in the shoulder of the glass, which produces the result that when it is merely rubbed with carborundum the top can be lifted off. No filing in the ordinary sense of the word has to be done to open them. The ampoules must be very carefully handled during packing, and we found it impossible to sterilise them by throwing them in a basket and putting them in a steriliser; they all have to be put in trays specially designed to keep the ampoules separate. The glass is of German origin, because no firm in this country has been able to make glass up to the requirements of these standards, but the ampoules themselves are made in this country. As to the drugs in the ampoules, there again the standard must be that of the Pharmacopœia or better. For sterility also we adopt as our basis the percentage test that is essential for those substances that come under the Therapeutic Substances Act—one ampoule in every 100.

VITAMIN D

I do not need to emphasise to an audience of pharmacists that the whole essence of selling vitamin preparations is that they shall be standardised. I will begin with vitamin D, because that is the one that has the most interesting history. I will not detain you by telling you, what you know perfectly well already, the dramatic story of vitamin D during the last fifteen years. The difficulties involved in the preparation of calciferol were so many that three or four evenings could be spent about them. Nobody has challenged the figures for the physical and chemical standards of pure vitamin D. With certain very rare and rather peculiar exceptions it can definitely be said that a sample of calciferol which satisfies the chemical and physical criteria will contain approximately 40,000,000 international units of vitamin D per gram; when you know the difficulties of biological test you realise that it is at least as safe to sell vitamin D on the basis of melting point and optical rotation and specific absorption for certain ultra-violet bands as on a biological assay—an advance on the conditions of five years ago that nobody could reasonably have foreseen. Nevertheless, the biological test for vitamin D, as for other vitamins, still remains fundamental.

The biological test that we used in testing the extract made from cod-liver oil depended upon the change in

alkalinity or acidity of the gastro-intestinal tract of the rat. That test we have now completely abandoned for a number of reasons, the main one being that it was not used by anybody else in this country, and in our own interests and for the sake of scientific uniformity we have gone over to tests similar in technique to those used by other people. We have therefore worked out conditions for the use of the line test of McCollum. It has been the practice of my laboratory for some considerable time to keep photographic records of the line tests carried out, a record not possible to have by keeping the bones themselves, because they eventually lose their structure and become a mass of debris. On the average the amount of calciferol that would produce moderate calcification in our rats is about 1/100,000th mgn.

VITAMIN A

The method for extracting vitamin A from fish-liver oils is similar to the later stages of the old Zucker process for extracting vitamin D. The whole problem of vitamin-A testing is still in the melting pot. Certain things can be said quite definitely. The first is that the Pharmacopœia Commission note in the foreword to the Pharmacopœia was certainly over-cautious in making it clear that the antimony trichloride test had nothing whatever to do with vitamin A. I do not think there is anybody who is prepared to deny that, in the vast majority of cases, a low blue value means a low content of vitamin A, and a high blue value a high content of vitamin A. It has also been universally accepted that measurement of the intensity of absorption for the 328 mμ band shown by fish-liver oils and mammalian fat gives the best approximation to biological assay that we have yet been able to achieve. What can equally definitely be said on the other side is that there does not at present exist any usable standard for making comparisons between substances in different laboratories.

When the Permanent Commission on Biological Standardisation met nearly two and a half years ago it came to the conclusion, quite rightly in the light of existing knowledge, that there was no known source of vitamin A sufficiently stable to be used as an international standard preparation. It was known that in rats and certain other experimental animals carotene could take the place of vitamin A, and that uniform and reasonably stable samples of carotene could be prepared. The Commission was bold enough to put forward as a standard for vitamin A something that was not vitamin A, namely, a solution of carotene, defined as containing 1,000 units in the gram. But it has unfortunately so far been found that it will not work in practice.

OTHER FEATURES

I just want to mention one or two other of the jobs that have involved us in research and investigation. The new Impulsor machine we now use for making emulsions only needs about one horse-power and turns out about 120 gallons an hour. This has enabled us to make emulsions with an average size of globule of 2 μ, and with a considerably greater degree of uniformity than with any other type of emulsifier. Manufacture of capsules by hand and on a large scale (say 250,000 at a time) are very different propositions. We believe we have now put the manufacture on to a plane of very high efficiency. Some two years ago Professor Stanley Davidson worked out in the laboratory a method for extracting an anti-anæmic extract from fish liver. We have been engaged for the last two years in trying to put that on to a manufacturing scale, because we were impressed by the possibility that, with so cheap a raw material, it ought to be possible to manufacture potent pernicious anæmia extracts which would be much cheaper than those made from mammalian livers. There have been very serious problems to overcome in attempting to do this, but I think that we are now well on the way to solve them.

A vote of thanks to the lecturer was proposed by Mr. F. E. Bullen, and seconded by Mr. C. H. Sykes.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 26

DESPITE the unsettled state of exchanges, business has been fairly satisfactory, particularly in the home trade, with consumers in evidence. Forward business in which foreign currencies are involved has been most difficult and, in many instances, amounting to little more than a gamble. Under the present conditions, with the American dollar moving easier by twenty cents in a day and all the Continental currencies, including the French franc so far, moving almost as sharply in the opposite direction, forward shipment prices are nominal, with buyers and sellers awaiting developments. In the pharmaceutical chemicals markets sterling prices, ex warehouse, London, are now quoted for caffeine and theobromine. Guaiacol carbonate and potassium sulphoguaiacolate from the Continent are quoted dearer, but spot supplies at cheaper prices are offering. Tartaric acid is again quoted dearer by home makers. In crude drugs the volume of business has been fair; products in this market are mostly either strong or weak items. Japanese camphor is weak as quoted. Chamomiles are firm at famine prices. Spanish and Portuguese ergot are good markets. Henna leaves are in short supply on spot. Ipecacuanha is weak. Lobelia herb is dearer and firm. Japanese menthol shows a sharp decline and closes unsteady and neglected. Tinnevelly new crop senna leaves continue in steady demand, and there has been a better call for medium hand-picked Alexandrian pods. Tragacanth is fully steady with business moving in the lower grades. Business in essential oils has been quite good and a number of products are quoted dearer and generally in short supply. Bois de rose is now firm. Java citronella remains dull and none too steady as quoted. Australian eucalyptus is firm with business good. French lavender is easier. Lemongrass is again dearer at the source and firm; spot oil has been in demand and there does not seem to be much left on offer. French Guinea orange is at cheap prices and bulk business is reported. Japanese peppermint shows a sharp decline and is now at very low sterling prices, but buyers appear to have little confidence in the position. Petitgrain is definitely dearer. Spanish spike to come forward is much dearer. The demand for industrial chemicals is moderately good. Red and white leads are cheaper.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

| Centre | Quoted | Par | October 26 | Value of the £ |
|----------------|-------------|---------|------------|----------------|
| Amsterdam ... | Fl. to £ | 12.107 | 7.85 | 12/11½ |
| Berlin ... | Mks. to £ | 20.43 | 13.27½ | 13/0 |
| Brussels ... | Belgas to £ | 35 | 22.74 | 13/0 |
| Copenhagen ... | Kr. to £ | 18.159 | 22.40 | 24/8 |
| Lisbon ... | Esc. to £ | 110 | 107 | 19/5½ |
| Madrid ... | Ptas to £ | 25.22½ | 37½ | 30/0½ |
| Milan ... | Lire to £ | 92.46 | 60½ | 33/0 |
| Montreal ... | Dol. to £ | 4.86½ | 4.85 | 19/11 |
| New York ... | Dol. to £ | nominal | 4.77 | 19/7 |
| Oslo ... | Kr. to £ | 18.159 | 19.90 | 21/11 |
| Paris ... | Fr. to £ | 124.21 | 80½ | 13/0½ |
| Prague ... | Kr. to £ | 164.25 | 106½ | 13/0½ |
| Stockholm ... | Kr. to £ | 18.159 | 19.39 | 21/4½ |
| Warsaw ... | Zloty to £ | 43.38 | 28½ | 13/0½ |
| Zurich ... | Fr. to £ | 25.22½ | 16.36 | 13/0½ |

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

A STEADY and by no means unimportant business continues in this market, with the general tone steady. Price alterations continue to be to higher level in most instances. Currency troubles are again a feature, with the trade nervous about the French franc and the American dollar.

ACETANILID.—Some occasional business; market steady; B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL.—Market is steady at former rates: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Dealers' spot prices are fairly steady; business quiet: crystals, five cwt., 19s. 3d.; two cwt., 19s. 9d.; less than two cwt., 20s. 9d. per lb.; with powder, 2½d. per lb. extra.

AMMONIUM ICHTHOSULPHONATE.—A steady business in small quantities: one cwt., 1s. 6d., in 14-lb. tins; 1s. 7d., in 1-lb. tins; 1s. 10d., in 8-oz. tins; and 2s. per lb., in 4-oz. tins.

ASPIRIN.—Business continues on a fair scale, with quoted prices maintained: home trade, ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d.; 28 lb., 2s. 11d.; 14 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d. per lb., f.o.b.; less than one cwt., 2s. 11d. per lb., ex works.

BARBITONE.—Spot is steady and business has been better; forward prices vary on exchange: spot, one cwt., 13s. 1d.; 56 lb., 13s. 3d.; 14 lb., 13s. 6d.; small parcels, up to 14s. 3d. per lb.

BENZOIC ACID (B.P.).—A fairly good demand; market steady: large quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices for these salts are unchanged.

BROMIDES.—There is a steady inquiry, with makers' and dealers' quotations maintained: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb., net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—Market is steady but quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Prices for Continental material are now quoted in sterling, ex store, London, as follows: pure, 250 lb., 6s. 6½d.; 100 lb., 6s. 8½d.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Citrate, 250 lb., 5s. 5d.; 100 lb., 5s. 5½d.; 50 lb., 5s. 7d.; less than 50 lb., 5s. 8½d. per lb. The former scale of prices f.o.b. are unchanged.

CALCIUM LACTATE.—Keen prices are quoted for bulk business: spot, one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' home trade prices are as follows: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 6d.; one cwt., 3s. 7d.; 56 lb., 3s. 8d.; 28 lb., 3s. 9d.; 14 lb., 3s. 10d. per lb.; 28-lb. jars, one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—The home trade quoted price for British material is steady at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at about the same figure.

CREAM OF TARTAR.—British makers' quoted price for 99 to 100 per cent. material for home trade is steady at 80s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers' prices are about competitive.

GUAIACOL CARBONATE.—Controlled prices from the Continent have been advanced as follows: two cwt., 9s. 10½d.; one cwt., 10s. 0½d.; less than one cwt., 10s. 2½d. per lb., ex wharf, duty paid. There may be cheaper spot sellers.

HEXAMINE.—Home makers' scale of prices is as follows: ten cwt., 1s. 9d.; five cwt., 1s. 9½d.; two cwt., 1s. 10d.; one cwt., 1s. 10½d.; 56 lb., 1s. 11d.; 28 lb., 1s. 11½d.; 14 lb., 2s.; 7 lb., 2s. 0½d. per lb. British rough powder is quoted from 1s. 5d. to 1s. 6½d. per lb., as to quantity. Foreign material to come forward is not competitive.

IODIDES.—Makers' scale of prices for these salts continue at former figures.

LACTIC ACID (B.P.).—Some fair inquiry with the market competitive: quantities in carboys, 1s. 4½d. to 1s. 5½d.; in bottles and winchesters, 1s. 7d. to 1s. 10d. per lb., as to quantity.

MERCURIALS.—Makers' scales of prices for these salts are fully maintained.

METHYL SALICYLATE (B.P.).—There is not much inquiry; quoted prices unchanged: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Continental prices were reduced last week, with buyers given the option of purchasing on the basis of gold in French francs or Swiss francs. Based on gold the scale is as follows: two cwt., 12s. 5½d.; one cwt., 12s. 10¾d.; 56 lb., 13s. 3½d.; less than 56 lb., 13s. 8½d. per lb., ex warehouse, duty-paid. Converted into sterling on a French franc exchange of 81 they work out as follows: two cwt., 19s. 1½d.; one cwt., 19s. 8½d.; 56 lb., 20s. 4½d.; less than 56 lb., 21s. per lb.

METOL.—Business has been unimportant: 56 lb., 9s. 6d.; 28 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb. in 7-lb. tins, bottles extra. Wholesale distributors' prices for smaller quantities would be dearer.

PARAFORMALDEHYDE.—A fair business passing, with prices holding steady: 100 per cent. powder, quantities in kegs, 1s. 3d.; smaller parcels, up to 1s. 8d. per lb.

PHENACETIN.—This market is now generally steady, with only isolated cheap lots offering: crystals, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

PHENAZONE.—There may be some rather cheaper spot offers; forward prices vary with exchange: crystals, ten cwt., 10s. 6d.; five cwt., 10s. 9d.; two cwt., 11s. 1d.; and less, up to 11s. 6d. per lb., with powder 2½ per lb. extra.

PHENOLPHTHALEIN.—Quoted prices are maintained at the agreed prices: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels up to 5s. 8d. per lb.

PHENYL ETHYL BARBITURIC.—Competition is keen for a limited business: small lots, 30s. to 32s. per lb., and less for bulk quantities.

POTASSIUM SULPHOGUAIACOLATE.—Controlled prices from the Continent have been advanced, as follows: two cwt., 6s. 4½d.; one cwt., 6s. 6½d. per lb., ex wharf, duty paid. There may be cheaper spot sellers.

PYROGALLIC ACID.—Makers' prices are as follows: 56 lb., 7s.; 28 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

QUININE SALTS.—Convention prices are unchanged, but are liable to fluctuation with exchange rates: sulphate, 2s.; bisulphate, 2s.; ethyl carbonate, 2s. 7½d.; salicylate, 2s. 8d.; phosphate, 3s.; hydrochloride, 2s. 6½d.; bihydrochloride, 2s. 9½d.; hydrobromide, 2s. 6½d.; bihydrobromide, 2s. 9½d.; valerianate, 3s. 1½d.; hypophosphite, 3s. 4½d.; alkaloid, 2s. 9½d. per oz., carriage paid on bulk quantities.

RESORCIN.—British material is quoted as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

SODIUM BENZOATE (B.P.).—A fair volume of business is reported with quantities at about 1s. 7d. and smaller parcels of B.P. 1932 quality up to 1s. 11d. per lb.

SODIUM DIETHYLBARBITURATE.—Quoted prices are fairly steady, business limited: spot, one cwt., 13s.; 56 lb., 13s. 3d.; 28 lb., 13s. 6d.; 14 lb., 13s. 9d.; 7 lb., 14s.; smaller parcels, up to 15s. per lb.

SODIUM SALICYLATE (B.P.).—Makers' and dealers' quoted prices steady, business a little better: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d.; 7 lb., 2s. 7d.; 1 lb., 2s. 8d. per lb.; with crystals one penny per lb. extra.

SULPHONAL.—Continental prices were reduced last week and put on a gold basis, with buyers given the option of purchasing in French francs or Swiss francs. Based on gold the scale is as follows: crystals, two cwt., 10s.; one cwt., 10s. 5d.; 56 lb., 10s. 7d.; less than 56 lb., 11s. 1d. per lb.; powder, 1½d. gold per lb. extra, ex warehouse, duty paid. Converted into sterling on a French franc exchange of 81 they work out as follows: crystals, two cwt., 15s. 3½d.; one cwt., 15s. 11½d.; 56 lb., 16s. 2½d.; less than 56 lb., 16s. 11½d. per lb.; powder, two cwt., 15s. 6d.; one cwt., 16s. 1½d.; 56 lb., 16s. 4½d.; less than 56 lb., 17s. 2d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—British makers' quoted price for home trade is dearer again this week at 1s. 0½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices are competitive.

THEOBROMINE.—Prices for Continental material are now quoted in sterling, ex store, London, as follows: pure, 250 lb., 6s. 6½d.; 100 lb., 6s. 8½d.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Sodium salicylate, 250 lb., 6s. 4½d.; 100 lb., 6s. 5½d.; 50 lb., 6s. 6½d.; less than 50 lb., 6s. 7½d. per lb. The former scale of prices f.o.b. are unchanged.

VANILLIN.—Rather more inquiry being received with the market generally steady: 100 per cent., one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

ACONITE ROOT.—Dealers are offering spot supplies of Japanese at 50s. and Napellus at 70s. per cwt.

AGAR.—A little more inquiry for spot; forward quotations steady: spot, Kobe No. 1, 1s. 1½d.; No. 2, 1s. 9d.; Yokohama No. 1, 1s. 9d. per lb.; shipment, Kobe No. 1, 1s. 8d.; No. 2, 1s. 6d.; Yokohama No. 1, 1s. 6d. per lb., c.i.f.

ALKANET ROOT.—Market is steady, with spot supplies quoted at about 42s. 6d. per cwt.

ANTIMONY.—Market is keeping about steady. Chinese crude, spot, £20 10s.; shipment, £18 5s., c.i.f. Chinese oxide, spot, £28; shipment, £25 10s., c.i.f.

ARNICA FLOWERS.—Some Montana flowers are available at about 9½d. per lb., in small spot lots.

BALSAMS.—Business is still slow; spot values about unchanged. Tolu, 2s. 9d.; Canada, 2s. 8d.; Capivi, 1s. 8d. to 1s. 9d. per lb.

BELLADONNA.—Dealers are quoting good test root to arrive at about 50s. per cwt., c.i.f.

BUCHU.—Some few bales have been disposed of this week; market steady. Spot, good green rounds, up to 1s.; yellowish to fair, 8½d. to 10d.; ovals, 7d. to 7½d. per lb., as to quality.

CAMPHOR.—The market is dull and rather easy as quoted, with some cheap offers about: spot, slabs, 2s. 1½d.; flowers, 2s. 3d.; tablets, 2s. 5½d. per lb.; shipment, slabs, 1s. 0½d.; flowers, 1s. 9½d.; tablets, 2s. 0½d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2½d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CANTHARIDES.—Some small lots of Russian flies are quoted at 7s. 6d. and Chinese at 4s. 9d. per lb., spot.

CASCARA SAGRADA.—Owing to exchange movement quotations tend to vary in the region of 34s. per cwt., landed and duty-paid, for minimum car-load lots.

CFLERY SEEDS.—There has been a fair business, with small parcels quoted at about 1s. 8d. per lb.

CHAMOMILES.—There is a sustained inquiry, with supplies very restricted, particularly of white flowers. Prices are firm at former figures. First pickings, up to 265s.; second pickings, up to 250s. per cwt.

CLOVES.—Values are steadily maintained; market rather quiet. Zanzibar, spot, 5½d.; shipment, October-December, 4½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended October 14 were 300 and the deliveries 259, leaving a stock of 2,776. From January 1 to date, landings of Zanzibar have been 5,401 and the deliveries 4,215. Landings of Madagascar for the week ended October 14 were nil, and the deliveries 20, leaving a stock of 1,000. Landings of Madagascar this year to date have been 58 and the deliveries 214.

COCOA BUTTER.—Prime English is steady as quoted at about 8½d. to 9½d. per lb., as to quantity.

COCONUT (DESICCATED).—After the recent declines in value the market is steadier. Spot, fine, 16s. 3d.; medium, 16s.; shipment, halves, October-December, 15s.; November-December, 15s. 3d. per cwt., c.i.f.

COD-LIVER OIL.—Norwegian has been in fair demand for shipment with the quotation for finest Lofoten steam refined non-freezing medicinal oil steady at 102s. 6d. per barrel, c.i.f. Spot, in small lots, about 140s. per barrel. Shipments up to November 21 totalled 75,860 barrels, compared with 79,200 barrels at the same time last year. Newfoundland finest non-freezing medicinal oil, 132s. 6d. per barrel, ex store. British oil, non-freezing, finest medicinal quality, is being quoted by the makers at 125s. per barrel, c.i.f. London.

DANDELION ROOT.—Foreign root is available on spot at about 65s. per cwt.

ERGOT.—Russian, which had previously been freely offered here, has been mostly withdrawn from the market. Spanish is steady with new crop at 1s. 7½d., c.i.f., and Portuguese is fully 1s. 6d. per lb., c.i.f.

GELATIN.—A fair business is reported, with dealers' prices fully steady: German, gold leaf, 2s. 4d.; silver leaf, 2s. 2d.; bronze leaf, 1s. 1½d.; plain label, 1s. 10d.; French, gold leaf, 1s. 10d.; silver leaf, 1s. 8d.; bronze leaf, 1s. 6½d. per lb., in cwt. cases.

GENTIAN.—Dealers are quoting French root at 55s. and Spanish at 50s. per cwt.

GINGER.—Market has been rather dull with West African steady at 22s. per cwt. spot. Jamaican is well maintained at 80s. to 110s. per cwt., as to quality.

GUM ACACIA.—Business has been unimportant this week, market about unchanged: spot, Kordofan cleaned sorts, 35s.; bleached, 70s. per cwt.; shipment, Kordofan cleaned sorts, 31s.; natural, 30s. per cwt. c.i.f.

GLYCERIN.—Prices were reduced last week, as follows, for B.P. quality:—

| Packing | Under 1 cwt. | 1 cwt. and under 2½ cwt. | 2½ cwt. and under 5 cwt. | 5 cwt. and under 10 cwt. | 10 cwt. and under 20 cwt. |
|------------------------------|----------------|--------------------------|--------------------------|--------------------------|---------------------------|
| | Per cwt. s. d. | Per cwt. s. d. | Per cwt. s. d. | Per cwt. s. d. | Per cwt. s. d. |
| 14-lb. tins ... | 77 6 | 73 0 | 72 0 | 69 0 | 68 0 |
| 28-lb. tins ... | 74 6 | 70 6 | 69 6 | 66 6 | 65 6 |
| 56-lb. tins ... | 71 6 | 68 0 | 67 0 | 64 0 | 63 0 |
| 1-cwt. drums, charged 20/- | — | 63 6 | 62 6 | 59 6 | 58 6 |
| 2½-cwt. drums, charged 60/- | — | — | 60 6 | 57 6 | 56 6 |
| 5-cwt. drums, charged 75/- | — | — | — | 57 0 | 56 0 |
| 10-cwt. drums, charged 100/- | — | — | — | — | 55 6 |

Minimum deliveries ex contract, one cwt. except for ten cwt. to one ton contracts, where minimum delivery is two cwt. Industrial white glycerin, 1,260 s.g., 2s. per cwt., less than chemically pure; refined pale straw glycerin, 1,260 s.g., 5s. per cwt. less than chemically pure.

HENNA LEAVES.—With available supplies limited prices are steady at 30s. to 35s. per cwt., as to colour.

HONEY.—Business seems to have fallen off this last two weeks, but, due to the limited stocks available for the remainder of the season, prices are well maintained; Jamaican, pale amber, 55s.; dark amber liquid, 44s.; dark liquid manufacturing, 42s. per cwt.

HYDRASTIS.—There has been very little interest this week: spot, 4s. 9d.; shipment, about 4s. 1½d. per lb., c.i.f.

IPECACUANHA.—This market is by no means satisfactory: Matto Grosso, 4s. 4½d. to 4s. 6d.; Minas, about 4s. 2d. per lb.

LIQUORICE ROOT.—Natural root is offered in small parcels at about 17s. 6d. per cwt.

LOBELIA HERB.—Any available spot supplies are now mentioned at close up to 2s. per lb.

LYCOPodium.—Dealers are offering Russian on spot at about 3s. per kilo.

MENTHOL.—There has been a further bad break in the market and business has been poor so far this week: K/S brands, spot, about 11s. per lb. and less for bulk quantities; shipment, October-December, about 8s.; January-March, about 8s. per lb., c.i.f. On Thursday the market was still slack; forward positions at 7s. 10½d. per lb., c.i.f. Afloat, 8s. 7½d. to 9s., as to position.

MERCURY.—We are officially advised that the recent meeting of the directing committee of Mercurio Europeo has resulted in a complete agreement regarding the continuance of the Italian-Spanish combine. The market is steady, with an average business being done: spot, £9 12s. 6d. to £9 17s. 6d. per bottle, ex store; shipment, nominal at 44 dollars per bottle, f.o.b. Continent.

PEPPER.—The market is steadier at slightly better figures, and business has been improving: Lampong, spot, 4½d.; shipment, October-December, 3½d.; January-March, 3½d.; c.i.f.; Tellicherry, spot, 5½d.; shipment, January-March, 38s.; Aleppy, spot, 5d.; shipment, January-March, 36s., c.i.f.; White Muntok, spot, 6½d.; shipment, October-December, 5½d.; January-March, 5½d. per lb., c.i.f.

PIMENTO.—Quoted values are maintained, market rather quiet: spot, 3d.; shipment, November-December, 24s. per cwt., c.i.f.

RHUBARB.—A further week of slow markets is reported. Quoted prices about maintained.

RUBBER.—Business has been moderate, with prices fractionally dearer on the week: standard ribbed smoked sheet, spot, 3½d.; November, 3½d.; December, 3½d.; January-March, 1934, 4d.; April-June, 4½d.; July-September, 4½d. per lb. Much steadier at the close.

SAFFRON.—Dealers' prices are slightly higher; business fair: spot, prime B.P., 59s. 6d.; extra B.P., 56s.; super B.P., 53s. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—This market is quite steady and a limited trade is being done: spot, native mixed colours, 1s. 1d. to 1s. 2d.; grey Jamaican, 1s. 9d. per lb., as to quantity.

SEEDS.—ANISE.—Spot, Spanish, 57s. 6d.; Bulgarian, 44s.; Turkish, 42s. per cwt., duty paid. LINSSEED.—Market firm: Mazagan, 23s. 6d.; Morocco, 19s. CORIANDER.—Morocco, 1933 crop, 16s. 6d., duty paid; 14s. 6d. in bond; old crop, wormy, 13s. to 14s. 6d.; shipment quoted at 12s. 6d., c.i.f., for October-November. CUMIN.—Malta, for shipment, offered subject at 55s., c.i.f.; Morocco, spot, 50s., duty paid. FENUGREEK.—Morocco, 13s. to 13s. 6d., duty paid. CARAWAY.

—Market unchanged: 52s. 6d., duty paid, quoted. MUSTARD.—English, 24s. to 32s. 6d., according to quality.

SENGGA.—Business is lacking here, market unsteady on exchange movements; spot, about 1s. 8d.; shipment, about 1s. 6d. per lb., c.i.f.

SENNA.—Good-quality new crop Tinnevely bold leaves are now limited in supply and, owing to the recent arrivals being inferior to the first shipments, holders are quoting somewhat higher prices for all good green leaves. Best quality is offering at 9½d.; No. 1 at 6½d.; No. 2 at 4d.; No. 3 at 3½d.; with common manufacturing No. 3 at 2½d. per lb. In Alexandrian pods several parcels of good No. 2 hand-picked have been cleared; this grade may well be in better demand during the next two or three months at higher limits, owing to the absence of supplies of the finest quality hand-picked pods.

SHELLAC.—At the lower values now quoted the market is steadier: spot, standard TN orange, 64s.; fine orange, 70s. to 122s. 6d.; pure button, 75s. per cwt.; for delivery, TN, December, 59s. 6d.; March, 56s. 6d. per cwt.; for arrival, TN, October-November, 52s. per cwt., c.i.f.

SQUILL.—Good white on spot is quoted dearer at about 30s. per cwt.

TRAGACANTH.—A very fair business is reported in the lower grades, for which full prices were obtained. The market generally is very steady and firm at origin. We are advised that of the 581 packages which arrived at Tilbury this week, 301 packages were for this market and the remaining 280 packages were transhipped.

VALERIAN ROOT.—Dealers are offering spot supplies at about 60s. per cwt.

WAX (VARIOUS).—Quotations for these products are all steadily maintained; business has been rather quiet. CARNAUBA, fatty grey and chalky grey, 67s. 6d., in bond; old, October-November, 63s.; new, December-January, 62s., c.i.f.; Primeira, 145s., in bond, and 130s., c.i.f.; Mediana, 142s., in bond, and 125s., c.i.f. BEES', Benguela, 95s.; Abyssinian, 95s.; Calcutta, 115s. per cwt. Dar-es-Salaam is very steady and in fair demand spot, 95s.; shipment, 90s. per cwt., c.i.f.

Essential Oils, etc.

A VERY fair volume of business is reported this week and the general tone, outside currency movements, is steady. Citronella remains dull. French lavender is cheaper. Lemongrass is again dearer. Japanese peppermint has fallen in value badly. Petitgrain is dearer and firm on spot. French Guinea orange oil is attracting good business at the prices now quoted.

ALMOND.—Business about average; market steady. British, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb. Foreign, cwt. lots, 2s. 4d.; smaller quantities, up to 2s. 7d. per lb.

ANISE (STAR).—A moderate business in small spot parcels; market steady: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8½d.; in drums, 1s. 7½d.; shipment, in leads, 1s. 8½d.; in tins, 1s. 7d.; in drums, 1s. 6½d. per lb., c.i.f.

APRICOT KERNEL.—British material is steady at former rates: cwt. lots, 1s. 4d. up to 1s. 6d. per lb., for small parcels.

BERGAMOT.—Spot and forward business seems to have been unimportant; market steady. Shipment is at 6s. 6d. to 7s. per lb., c.i.f., for genuine oil, with spot prices varying as to brand and quantity from 6s. 3d. to 7s. per lb.

BOIS DE ROSE.—Reports from origin indicate that there are practically no more supplies to offer for this year, and shipment prices are, therefore, nominal. In consequence spot holders' prices are what they make them, with profit-takers possibly willing to sell at about 4s. 4d. up to 4s. 6d. per lb.

CAJUPUT.—Market has remained rather quiet. B.P. 1932 quality, 2s. 1½d. to 2s. 3d. per lb.; green, 1s. 10½d. to 2s. per lb., as to quantity.

CANANGA.—The shipment quotation is firmer at close up to 7s. 3d., c.i.f.; spot supplies are limited and well held for about 8s. 6d. per lb.

CARAWAY.—Market is steady, but there does not appear to be much doing. Continental, twice rectified, spot, cwt. lots, 8s. 11d.; 56 lb., 9s. 5d.; smaller parcels, up to 10s. per lb.

CASSIA.—The market is fractionally cheaper on spot at 3s. 6½d. to 3s. 7½d. per lb.; shipment, in drums, 2s. 11½d.; in leads, 3s. 1d. per lb., c.i.f.

CEDARWOOD.—A little more interest shown, with prices maintained. Colonial, in drums, 1s. 5½d.; in tins, 1s. 7½d. per lb. American, in drums, 1s. 7½d. per lb.; and slightly less for bulk quantities.

CINNAMON LEAF.—Ceylon is steady; business fair. Spot, from 2s. 9d. to 3s. per lb., as to quantity.

CITRONELLA.—Business in this product is still poor and the condition of the market unsatisfactory. Java, spot, in small parcels, up to 2s. 4d.; shipment, about 1s. 7½d. per lb., c.i.f. Ceylon is about steady, but dull; spot, in small parcels, about 1s. 11d.; shipment, about 1s. 6½d. per lb., c.i.f.

CLOVE.—Quoted prices are easier, with business limited. Madagascar, spot, 3s. 5d.; shipment, about 2s. 10d. per lb. c.i.f.

EUCALYPTUS.—This market is firm, with a good inquiry on hand. Australian, 70 to 75 per cent., 11½d. to 1s. 0½d.; 80 to 85 per cent., 1s. 0½d. to 1s. 1d. per lb., as to quantity, landed. Spanish, 70 to 75 per cent., 1s. 2d. per lb., spot.

GERANIUM.—Some few inquiries for Bourbon, with shipment steady at about 21s., c.i.f.; spot, about 23s. 6d. per lb.; with some oil at cheaper prices. Algerian, firm for shipment at 24s. 3d. per lb., c.i.f.

GINGERGRASS.—Market is quoted unchanged; dull. Spot, 5s. 6d. to 5s. 8d. per lb., as to quantity.

Ho (SHUI).—A continued demand, with the forward position tending firmer. Spot, in the region of 2s. per lb., as to quantity and quality.

JUNIPER BERRY.—Rather more inquiry; market steady. Quoted from 3s. 2d. to 3s. 6d. per lb., as to quantity.

LAVER.—Inquiry for shipment of new crop French has been negligible and quotations seem to be easing off and are now in the region of 15s. per lb. for genuine oil, 38 to 40 per cent., landed and duty-paid. Spot sales are reported to have been made at lower figures.

LEMON.—This market has been slow and the tone is not so steady. Sicilian hand-pressed for shipment, about 4s. 2d. to 4s. 4d. per lb., c.i.f., December-January shipment. Spot oil is offered from 3s. 9d. to 4s. 6d. per lb., as to brand and quantity. Californian, spot, in large drums, 48 cents; in small drums, 49 cents per lb.

LEMONGRASS.—The shipment market continues firm, with offers now at 3s. 8½d. per lb., c.i.f. Spot would be in the region of 4s. per lb. Supplies on spot are short, but there has been less inquiry this week.

LIME.—West Indian distilled on spot may be rather easier at about 31s. 6d. per lb.; shipment, about 28s. per lb., c.i.f.

MANDARIN.—The spot market is rather dearer for small lots at 14s. 9d. to 15s. 6d. per lb., as to quality. Shipment is dearer.

NUTMEG.—Market is steady; business normal. English is offering in the region of 6s. 3d. for first quality. American, about 5s. 9d.; Continental, about 5s. 6d. per lb., spot.

ORANGE.—The chief feature in the market is the French Guinea oil, with shipment offers reduced to about 2s. 6d. per lb., c.i.f., for bulk quantities, and a fair volume of business is reported to have been done. Spot, small lots, 3s. 6d. per lb. Sicilian sweet seems to be neglected, with shipment at about 5s. 2d. to 5s. 3d. per lb., c.i.f.; spot, is at about 5s. to 5s. 6d. per lb., as to quantity and brand. Californian, spot, one case, 61 cents; two or more cases, 56 cents, per lb.

PALMAROSA.—Market has remained dull. Spot, 7s. 2d. to 7s. 3d.; shipment, 6s. 8d. to 6s. 9d. per lb., c.i.f.

PATCHOULI.—Market is about steady, but business is not of much account. Spot, 7s. 3d.; shipment, 6s. 6d. per lb., c.i.f.

PEPPERMINT.—The Japanese product has slumped badly this week and it is difficult to attract business even at present low prices. The general tone is unsteady. Spot, about 4s. per lb.; shipment, October-December, about 2s. 8½d.; January-March, about 2s. 8½d. per lb., c.i.f. The American natural oil continues more or less nominal at 2 dollars 50 cents per lb., c.i.f., in drums, with very little doing owing to exchange difficulties.

PETITGRAIN.—The shipment market is the strong feature here, with most offers withdrawn. Spot values are reported dearer, with first-hands now asking 4s. 7d. per lb. for single cases.

ROSEMARY.—Some few inquiries, with the market about steady. Quoted from 1s. 6d. to 1s. 8d. per lb., landed, as to quantity.

SANDALWOOD.—English-made West Indian, cwt. lots, 6s. 0d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Genuine East Indian Mysore, 20s. per lb., at first-hands.

SASSAFRAS.—A little more business of small size. Quoted from 3s. 8d. to 4s. 6d. and up to 5s. 4d. per lb., as to quality. Artificial at cheaper prices.

SPEARMINT.—A limited inquiry, with prices about steady on spot at 7s. 3d. to 7s. 6d. per lb., as to quantity.

SPIKE.—The shipment market for good-quality new crop Spanish is dearer at about 4s. 9d. per lb., c.i.f. There may be profit-takers on spot who would sell below this figure.

VETIVERT.—Any offers for shipment that are reliable are working out in the region of 27s., c.i.f., but there is practically nothing available. In the meantime there may be sellers on spot willing to take less, say, about 24s. 6d. to 25s. per lb.

WINTERGREEN.—Dealers are quoting small spot parcels at about 6s. 9d. to 7s. 3d. per lb.

WORMSFED.—A moderate business; market steady. Spot, 11s. 3d.; shipment, 10s. per lb., c.i.f.

Industrial Chemicals, etc.

BUSINESS continues on a slightly better scale and prices are mainly steady. Potash salts are a poor feature. Oxalic acid is steady and the demand is fair. Lead acetate is at dearer prices. **ACETIC ACID.**—A limited business, market about steady: 80 per cent. technical, £38 5s.; 80 per cent. pure, £39 5s. per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £59, in glass demijohns; glacial, in barrels, £48 per ton, carriage paid in U.K. **ACETONE.** B.G.S.—Competitive prices are being quoted for large quantities: £65 to £68 per ton, in drums, carriage paid in U.K. **AMMONIA (ANHYDROUS).**—A steady demand for limited quantities, with most supplies drawn from home makers: 99.95 per cent. material, 11d. to 1s. 6d. per lb., in loaned drums, carriage paid, and less for important contracts. **AMMONIUM CHLORIDE.**—Rather better business is reported: grey galvanising, £18 7s. 6d. per ton, in casks, ex store; slightly less for contracts. **ARSENIC.**—Not much business moving: Continental, £19 5s. per ton, ex wharf, London; Australian, £17 per ton, c.i.f. U.K. port. **BLEACHING POWDER.**—Makers' prices for home trade are unchanged: 35 to 37 per cent. chlorine, £8 15s. per ton, in softwood casks, carriage paid, for minimum four-ton lots. **BORAX.**—Commercial granulated, £15 res.; crystals, £16 10s.; powdered, £17; extra fine powder, £18; B.P. crystals, £24 10s.; powdered, £25; extra fine, £26 per ton, packed in 1-cwt. bags, carriage paid in Great Britain; makers continue to quote at unchanged rates. **BORIC ACID.**—Commercial granulated, £26 10s.; powdered, £28 10s.; extra fine, £30 10s.; large flakes, £39; B.P. crystals, £35 10s.; powdered, £36 10s.; extra fine, £38 10s. per ton, in 1-ton lots and upwards in free 1-cwt. bags, carriage paid in Great Britain; makers' prices continue unchanged. **FORMALDEHYDE.**—Very keen prices are quoted where important business is concerned; market competitive: 40 per cent. by volume, £27 5s. per ton, in casks, ex store; lower prices for big quantities. **LEAD ACETATE.**—Spot prices are dearer; business moderate: brown, £29 17s. 6d.; white £34 per ton, in casks, ex store. **LITHOPONE.**—Dealers' prices are about maintained; rather more inquiry about: 30 per cent. Continental red seal, £18 10s. to £19 per ton, ex store. **OXALIC ACID.**—Market continues steady and business is about normal. Quantities, in 7 and 8 cwt. casks, £48 15s. per ton. Smaller quantities, in kegs, 55s. to 57s. per cwt., ex store. **POTASH, CAUSTIC (88 to 92 PER CENT. SOLID).**—Dealers' prices are maintained, with occasional business done. Quoted from £38 10s. to £40 10s. per ton, ex store. **POTASSIUM CARBONATE.**—Dealers' prices are holding; market rather quiet: 90 to 92 per cent., £26 10s. to £28 per ton; 96 to 98 per cent., £30 to £30 10s. per ton, in casks, ex store; lower prices for contracts. **POTASSIUM CHLORATE.**—Dealers are offering one-ton lots at about £36 7s. 6d.; smaller parcels are from 4½d. to 5½d. per lb., as to quantity. **POTASSIUM PERMANGANATE.**—A steady business in limited quantities is reported: commercial quality, in two-cwt. drums, 8½d. to 8¾d. per lb., ex store, as to quantity. **POTASSIUM PRUSSATE.**—Dealers' prices are unchanged; business limited: yellow, £74 to £77 per ton, as to quantity, carriage paid. **RED LEAD.**—Convention prices quoted cheaper, business fair: 5/10 cwt., £27; 10 cwt./1 ton, £26 15s.; 1/2 tons, £26 10s.; 2/5 tons, £26; 5/20 tons, £25 10s.; 20/100 tons, £25; over 100 tons, £24 10s. per ton, less 2½ per cent., carriage paid; non-setting red lead, 10s. per ton dearer; Continental material, £1 per ton cheaper. **SAL AMMONIAC.**—Dealers are finding business slow; quoted unchanged: dog-tooth crystals, £35; medium, £31; fine white crystals, £17 7s. 6d. per ton, in casks, ex store; slightly less for contracts. **SALTCAKE.**—About normal business; market steady at 64s. per ton, in minimum truck lots, carriage paid. **SODA CAUSTIC.**—Makers' prices for home trade are unchanged: 70 to 72 per cent., £13 12s. 6d.; 76 to 77 per cent., £14 per ton, carriage paid on contracts; spot, 10s. per ton extra. **SODA CRYSTALS (CARBONATE).**—Makers' home trade prices are at £5 to £5 5s. per ton, in bags, f.o.r. makers' works. **SODIUM ACETATE.**—Dealers' prices are firm; business better: £22 10s. to £23 per ton, in casks, ex store. **SODIUM BICARBONATE.**—The home trade price is steady: refined, in bags, £10 10s. per ton, carriage paid. **SODIUM CHLORATE.**—Dealers are offering one-ton lots at about £32 7s. 6d. per ton, ex store; smaller parcels, about 4d. to 5d. per lb., as to quantity. **SODIUM HYPOSULPHITE.**—A very fair business is reported: dealers quote pea crystals, in one-cwt. kegs, £15 per ton; commercial quality, £8 17s. 6d., in casks, ex store; makers' price for pure crystals to home consumers on contract, £15 per ton, carriage paid to buyers' works. **SODIUM PRUSSATE.**—Dealers' prices are steady; business fair: quantities, 4¾d. to 5d. per lb.; smaller parcels, up to 6d. per lb., ex store. **WHITE LEAD.**—Dry, English, less than 5 tons, £36 10s.; 5/15 tons, £31 10s.; 15/25 tons, £31; 25/50 tons, £30 10s.; 50/200 tons, £30 per ton, less 5 per cent., carriage paid; Continental, £1 per ton cheaper; ground in oil, English, 1/5 cwt., £46; 5/10 cwt., £44; 10 cwt./1 ton, £43 10s.; 1/2 tons, £42 10s.; 2/5 tons, £41; 5/15 tons, £38; 15/25 tons, £36 10s.; 25/50 tons, £36; 50/100 tons, £35 10s. per ton, less 5 per cent., carriage paid; Continental material, £2 per ton cheaper.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

The Late Mr. E. T. Brewis

SIR,—Will you allow me a little space wherein to pay a tribute of respect and affection to the memory of Mr. Theo. Brewis? It was my good fortune to meet him in 1882 when for a very short time I was on the staff of Hamilton, Long & Co., in Sackville Street, Dublin. In that brief period we became close friends, and the passing years—withstanding a merely casual correspondence—have continuously and increasingly heightened my regard for the man whose genial spirit and freedom from all uncharitableness made friends among all whose hearts were friendly. The world is much poorer for the passing of Mr. Brewis.—Yours faithfully,

WILLIAM KIRKBY.

Darley Bridge.

Coming Events in South Wales

SIR,—Kindly allow me to call the attention of South-Wales pharmacists to the two extraordinary general meetings convened, the first to be held at the Royal Hotel, Mary Street, Cardiff, on Thursday, November 2, at 3.30 p.m., the second at the Castle Hotel, Neath, Glam., on Thursday, November 23, at 3 p.m. As the matter to be discussed is of vital interest to every pharmacist and may have greater potentialities than can at present be gauged, I trust all chemists will do their utmost to attend.

Yours faithfully,

H. NOEL THOMAS,
Secretary. Aberdare and Merthyr
Branch of the Pharmaceutical Society.

Aberdare.

Exhibitions and the Public

SIR,—In the main I agree with "Exhibit" (*C. & D.*, October 21, p. 516). So far as my experience of exhibitions goes (and it is pretty extensive), the public's idea of a trade exhibition is its possibilities for "scrounging" samples and, if possible, full-sized packages as well. The method has been adopted on one or two occasions, in connection with exhibitions of chemists' goods, of allowing the public to come in upon the last evening—with disastrous results for the stallholders, who had to hang on to their goods to prevent them being forcibly taken. I recall an incident several years ago when the Chemists' Exhibition was held at the Central Hall, Westminster. A nurse, carrying an attaché case, was on her way out and slipped in going down the steps, sending her case flying. It opened and its contents were revealed; there were dozens of samples, and many full-sized packages as well! Then again, prices are always in evidence at a trade exhibition, and quite erroneous ideas are put into the heads of those members of the public who attend of the huge profits made by the pharmacist! It is just a question whether there is not a surfeit of trade exhibitions to-day and whether a "holiday" for some of them for a year or two would not be of benefit to all concerned.—Yours, etc.,

WHOLESALE (23/10).

A Vision of the Future

SIR,—Your editorial article in the issue of October 21 (p. 505) is all that an editorial should be. Unfortunately, however, I read it shortly before going to bed, with the result that my sleep was disturbed by dreams. . . . A visit from the inspector is anticipated. (You know how one gets wind of these things.) The whole of the staff—dispenser, lady assistant, and errand-boy—is drawn up behind the counter in clean white overalls. I keep watch by the door to head off customers and give warning of the august approach. Presently a Rolls-Royce slides to a standstill at the kerb, and a portentous figure steps out. "Staff, 'shun!" I shout, and as he enters the doorway I cry "Heil,

Inspektor!" and raise a large pestle in salute, feeling mightily inclined to bring it down with a well-directed blow on his head. He glances keenly round the shop, and his gaze rests on my framed certificate hanging on the wall. "What's this?" he asks. "Your certificate of membership of the Pharmaceutical Society? Where is your certificate of registration?" "I—I—never had one that I know of," I stammer in reply, "or if I had I lost it years ago. This certificate has served the purpose—" "Not valid," he snaps, and strides into the dispensary. Here he lifts off the lid of the ung. sulph. jar, takes a sniff, and recoils in confusion. "Ha!" he cries, pouncing on a poison bottle. It is made of corrugated green glass, it is distinctly labelled "Tr. Digitalis," but, alas, it is not labelled "Poison." He looks at me severely. "You're contravening the regulations relating to the storing and keeping of poisons," he says. "Where is the D.D.A. cupboard?" The key is in the lock. "Why isn't that key in your pocket?" he inquires sharply. "Because," I retort, "my dispenser has just been using it. He goes to the cupboard a dozen times in an hour, and—" "Illegal," he snaps. . . . At last the inspection is over and the inspector and I are closeted together. "Well?" I ask anxiously. "Are you prepared to pay an annual licence of £100 to keep your pharmacy open?" he inquires. "No—yes—that is to say—" I splutter. "You mean you can't afford it," he says bluntly. "How many chemists' shops are there in this neighbourhood?" "Five, and two drug stores, and all the grocers have P.M. licences, and the cake shops sell 2d. bottles of sweet nitre—" He eyes me sombrely. "You are redundant. Your pharmacy must be closed," he pronounces in solemn tones. "Thank Heaven for that!" I gasp, the burden of the proprietor pharmacist slipping from my shoulders and falling with a crash to the floor. "How much compensation shall I get?" "Annuity," he raps out. "Five per cent. of your net profits." . . . "Redundant"—"Not valid"—"Illegal" goes echoing down the corridors of sleep, and far away a mocking voice chirps "Twenty pounds a year!"—Faithfully yours,

SMALL PROPRIETOR (23/10).

The Coming Inspection

SIR,—It is refreshing to read the report of the address of Mr. F. E. Burdett at the meeting of the Bradford and District Branch of the Pharmaceutical Society (*C. & D.*, October 14, p. 474), to find there are some pharmacists who are under no delusion regarding the disadvantages which will accrue to chemists in retail business under the new Act, and to realise that not all the members of our craft are imbued with that spirit of resignation to fate which has led them to accept every fresh loss as something which could not have been avoided but might have been worse. If there is one business more than any other which has to be run on practical and common-sense lines with latitude to meet situations as they arise, it is that of the retail chemist; the application of bureaucratic methods to our daily routine would render it intolerable and possibly unworkable. We are told, regarding the inspectors, that their visits will be largely of an advisory character; but this can only be a pious hope, because a study of the clauses concerning these inspectors in the Act shows that the powers granted them are practically unlimited. One of the speakers during the discussion at Bradford said that vendors of poisons in Division 2 would have to meet the demands of the inspectors; but these may be inspectors appointed by the local councils and not those appointed as inspectors of pharmacies by the Society, so the methods and requirements of the inspectors of unqualified shops may not be on the same lines as in the case of pharmacies. I do not agree with Mr. Burdett when he says that the registration fee for shops should be from £50 to £100 per annum, because I consider that such a

charge could only mean the extinction of a large majority of the privately owned shops to the benefit of the combines.—Faithfully yours,

REGISPHEE (24/10).

Nationality in Pharmacy

SIR,—In reply to Mr. Tetley's letter on Nationality in Pharmacy (*C. & D.*, October 21, p. 515), I should like to remind Mr. Tetley that Wales is a distinct nation in which a growing spirit of nationalism is daily gaining, due to such constant slights over the Welsh demands for any form of autonomy. Mr. Tetley may be unaware of the fact that Wales has now its own Board of Health and that the National Formulary is not used in Wales even now. When Mr. Tetley states that the population of Yorkshire exceeds that of Wales, he may also note that the population of Scotland is only a little more than Yorkshire, the actual figures being Scotland 4,842,554, Yorkshire (the three Ridings) 4,304,655. To compare the Yorkshire dialect with the Welsh language is ridiculous, as the Welsh language itself has dialects with differences as great as if not greater than those of Yorkshire and other counties in England. The Welsh language is entirely different in grammatical construction from the English, and many of its words are almost pure Latin. Finally, with regard to the difficulty Welsh chemists would have when examined at the Square, I, who worked at college with Welsh students, knew many who did all their calculations and reasoning in Welsh and then translated it into English. I agree with the Glamorganshire chemists, and hope other Welsh branches of the Society will support the Glamorganshire Branch.

Yours, etc.,

A NORTH WELSH EXILE (23/10).

Pharmaceutical Committees' Expenses

SIR,—I would like to raise the question of cash balances held over from year to year by Pharmaceutical Committees. Generally one finds that all funds for National Health Insurance are restricted to one particular year. If I submit in July prescriptions relating to the previous December, I am told that the accounts for the past year are closed and that no payment can be made. Deductions are made from chemists' accounts to meet the expenses of Pharmaceutical Committees; and it seems to me that if money so deducted in any year is not needed it should go back into the pool for division among the contractors who are doing the work for that year. The Pharmaceutical Committee for my area appears to carry over a fairly large balance at the end of every year. Is this really justified? Could not the matter be more equitably adjusted by deducting less from the chemists in the area?—I am, etc.,

DEDUCTIONIST (13/10).

Legal Queries

E. T. D. (23/10) is reminded that he has omitted to furnish his name and address.

Fen (2/10).—The inclusion of the words "burns," "bruises," "scalds," "sprains," "bad legs," and "skin troubles" on the showcard which you propose using to advertise your ointment would render the article liable to medicine-stamp duty.

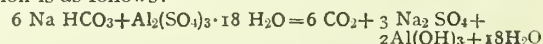
D. S. (14/10).—Is it legal for chromium-plated scissors to be stamped "stainless steel"? [In our opinion, it would be an offence under the Merchandise Marks Act, 1887, to describe the scissors in the manner proposed, seeing that the goods would not in fact be made of stainless steel.]

G. H. T. (25/7) is managing director and secretary of a private limited company and also acts as qualified superintendent and manager. Is he legally entitled to receive a salary as manager in addition to his fees as a director? [There is no reason why "G. H. T." should not be paid a salary as manager of the company in addition to his remuneration as a director; but the usual course, in such cases, is to pay the individual concerned one salary in his capacity of managing director.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

A. H. (7/38).—FIRE EXTINGUISHER.—The powders to which you refer are sodium bicarbonate (8 per cent. solution in one container) and aluminium sulphate (13 per cent. solution in the other). As a bubble stabiliser when the solutions are mixed it is usual to incorporate a colloid in the soda solution. The equation expressing the reaction is as follows:—



E. G. G. (10/38).—LIME-SULPHUR SPRAY.—Lime-sulphur, or calcium polysulphide, is cheaper to buy than to make. The commercial product has a specific gravity of 1.3, but it ought to be sold upon its polysulphide content, as oxidation occurs during storage. The usual strength of "winter" wash is 1 in 30, but the half strength (1 in 60), or "summer" wash, must be used for susceptible varieties of fruit trees. Spraying should take place before the flower buds again. The *C. & D. Diary*, 1928, contained a seventeen-page article dealing with such matters.

W. H. K. (22/38).—METAL POLISHES.—The following are four formulas for liquid metal polishes:—

| I | | II | |
|-----------------|--------------|-----------------|--------------|
| Ferric oxide | ... 4 oz. | Kieselguhr | ... 2 oz. |
| Oleic acid | ... 14 oz. | White petroleum | ... 16 oz. |
| White petroleum | ... 3 oz. | Oil of mirbane | ... 12 drops |
| Oil of mirbane | ... 12 drops | | |

| III | | IV | |
|--------------|--------------|------------------------|--------------|
| Petrol | ... 76 parts | Soap | ... 10 parts |
| Silica | ... 18 parts | Kaolin or fossil earth | 20 parts |
| Stearic acid | ... 6 parts | Solution of ammonia | 25 parts |
| | | Petrol | ... 45 parts |

J. M. M. (13/9).—This is a dark-brown syrup which on high dilution gives a copious close foam indistinguishable from that produced by saponin, which may have been introduced in the form of quillaia extract. The total solids amount to 55.5 per cent.; ash 8.3 per cent.; specific gravity 1.229; much reducing sugar is present. The ash contains much potash and soda, also small quantities of lime, magnesia, etc., suggestive, with other data, of the syrup character being due to molasses or the like.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," October 15, 1883

Dr. Meymott Tidy on the Poisons Schedule

I object *in toto* to this scheduling. It serves to draw attention to a number of drugs that had much better not be recited. The [Poisons] Schedule is a most remarkable document. . . . Define a poison, accurately and scientifically, and omit the Schedule. It is inadvisable as a preventive measure, I am convinced, to publish a list of poisons. Whilst if such a list be prepared, no matter how carefully, it is sure to offer abundant material for legal quibbles. What has been the result of all this scheduling and this Part I and Part II legislation? That the [Pharmacy] Act is at the present time not carried out in its entirety, and I almost venture to say it is an impossible Act to be carried out. . . . Require that the sale shall be the act of a pharmaceutical chemist only, and require the pharmacist to keep a record of the sale, the person's name and address, and the object as stated for which it is required. The pharmaceutical chemist of to-day, it must be remembered, is an educated man, and legislation must be intelligent legislation. . . . Further, it may fairly be taken for granted that with the present race of pharmacists some little judgment will be used in the sale of poisonous preparations, for which judgment no Act of Parliament can provide. [From a paper presented at Huddersfield.]

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ESTABLISHED 1786.

Telegrams : “Chemicals”

Telephone : 4601 (2 lines)

Tablets

Enquiries are invited for

**ASPIRIN AND CASCARA
TABLETS**

IN BULK OR PACKED.

A Customer writes :—“ Re Aspirin Tablets.
Your sample was one of the best we have ever
had, we anticipate doing good business with
you if you can maintain that quality.”—WE
CAN, AND MEAN TO !!

LET US QUOTE YOU

CASTLE HUSKISSON, LTD.

Manufacturing Chemists,

Swinton Works, Moon St., Islington N.1

ESTAB. 1768.

Private formulæ Pills and Tablets carefully and
accurately prepared at lowest possible prices.

Pills

BUY FROM THE MANUFACTURERS AND SAVE MONEY

Dania

BRAND

Dania Brand Sulphur Candles are made with the finest Sulphur and are free from Arsenic and Selenium. They light easily and burn safely and freely. Quotation will be sent on receipt of trade enquiry for any quantity, large or small.

**SULPHUR
CANDLES***Made in two sizes, nominal $\frac{1}{2}$ lb. and 1 lb.***RICHARD DANIEL & SON, LIMITED**

Phone • Derby 2222 (3 lines) • Grams • Dania, Derby • MANSFIELD Rd. DERBY •

Manufacturers to the Trade.

**"ENDRINE" FREE GOODS OFFER
(REGD.)**

October 18th to November 18th, 1933



- 4 bottles free with
1 dozen order
- 2 bottles free with
 $\frac{1}{2}$ dozen order
- 1 bottle free with
 $\frac{1}{4}$ dozen order

**RETAILS AT
2s. 6d.**

"Endrine" nasal compound is a new and effective preparation for colds, coughs and catarrh.

PETROLAGAR LABORATORIES LTD.,
Braydon Road, London, N.16.

**PERRY'S
POWDERS****GIVE A GOOD RETURN.**

NICE TO HANDLE—EASY TO SELL

Wholesale from PERRY'S POWDERS, Ltd., LEEDS.

CAVENDISH CHEMICAL CO. (New York) LTD.

137 Regent Street, London, W. 1

TESTOGAN and **THELYGAN** tablets and ampoules
YOHIMBIN tablets and ampoules
LECITHIN-YOHIMBIN tablets and pills
LIPOLYSIN tablets and ampoules
BISMOLAN suppositories and ointment
ATOCIN tablets
ATOCIN with **ASPIRIN** tablets
MYOSTON Skeletal Muscle Extract
ELIXIR NEUROGENIC (Cavendish)
PANCRESALETs in the treatment of Diabetes Mellitus

Literature and further information on application.

STURGE'S

standard chemicals

PRECIPITATED CHALK. The Sturge standard of quality is recognised by the Trade as the most perfect to ensure unvarying chemical purity and physical uniformity.

CITRIC ACID—100% pure and British made. It is produced by a natural process under strict scientific supervision and is absolutely uniform in consistency and chemical analysis.

Also

ROCHELLE SALTS
AND BICARBONATE OF POTASH

JOHN & E. STURGE LTD. WHEELLEY'S LANE, BIRMINGHAM 15

Manufacturers of high grade chemicals since 1823

NEW PRODUCTS

now being advertised to
the Medical Profession

| | | Retail | Wholesale per dozen |
|--------------|----------------------|--------|------------------------|
| BIOMUCINE - | - Box of 24 Cachets | 7/6 | 68/- |
| ENTEROMUCINE | Tins of 100 gms. - | 7/- | 63/- |
| ORKITONE - | - Bottle of 8 ozs. - | 7/6 | 68/- |
| VAGOTONINE | - Ampoule of 2 ctg. | 2/9 | 26/- |
| | Box of 6 Ampoules | 12/6 | 120/- |

Your co-operation in promptly obtaining
supplies when required will be appreciated.

Telephone : Holb. 6011. Telegrams : Ampsalvas, London

THE ANGLO-FRENCH DRUG CO. LTD.
11-12 Guilford Street, London, W.C.1

INNERCLEAN

THE NEW
Intestinal Laxative

RETAIL PRICE 3/-

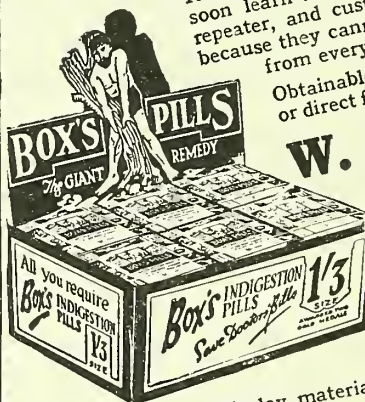
TRADE PRICE 27/-

Brooks & Warburton
LIMITED

232-240 VAUXHALL BRIDGE ROAD
LONDON, S.W.1

STOCKED FOR BETTER BUSINESS BOUGHT FOR BETTER HEALTH

Retailers of Box's Indigestion Pills
soon learn that the line is a steady
repeater, and customers come back
because they cannot obtain supplies
from every chemist or stores,
Obtainable from wholesalers
or direct from the proprietor



W. H. BOX
GIANT PILL
MANUFACTORY,
161 KING ST.,
PLYMOUTH

Telegraphic Address :
"Giant," Plymouth

Display material free on request.

**BOX'S
INDIGESTION
PILLS**

6^d Centurion SERIES



8 popular varieties of
LOZENGES and PASTILLES

4/- per dozen
12 doz. @ 3/9

Display outers
of 1 doz.

Ernest Jackson & Co. Ltd.
CREDITON, DEVON

Tel. Add.: Jackson, Crediton
Tel. No.: Crediton 10

London Office: Plaintain Place, Crosby Row, Borough, S.E.1 Hop 2668

IMMEDIATE DELIVERY
FINEST QUALITY
COMPETITIVE PRICES

LIQUID PARAFFIN

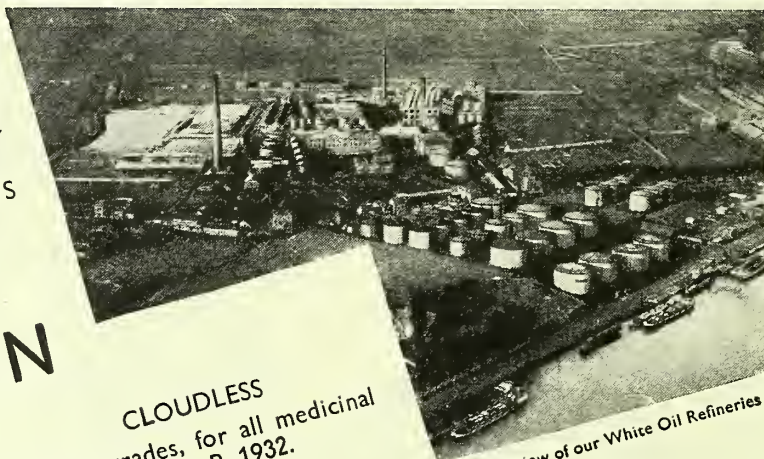
B.P. 1932

HIGHEST VISCOSITY

Daily delivery from stock of all grades, for all medicinal purposes. Guaranteed to comply with B.P. 1932.

TECHNICAL OILS

Our comprehensive range includes Odourless, Tasteless, Water-White, Oils of different Viscosities suitable for Emulsions, Slab and Toilet preparations. Our White and Half-White Oils are specially recommended for Brilliantine and other manufacturing purposes.



Aerial view of our White Oil Refineries

PURFINOL LTD.
LONDON, E.C.2
80 BISHOPSGATE
TELEPHONE: LONDON WALL 7132-7133
TELEGRAMS: "INVATORE STOCK"

PETROLEUM JELLY "Salvo Petrolia" Brand

THE PERFECTION OF PETROLEUM JELLY
IN BARRELS, KEGS, OR SMALLER PACKAGES IF DESIRED

THE **DEE OIL Co. Ltd.**

DELTA WORKS, BOOTLE,
LIVERPOOL.

Phone: Bootle 1897

Wires: "Cestrian, Liverpool."

LONDON OFFICE: 11 POULTRY, CHEAPSIDE, E.C.2.

Phone: City 8455

Other grades of Petroleum Jellies, White Bases, &c., WHITE OILS, B.P. and Technical

OLEUM DEELINAE (DEE OIL) THE UNFAILING CURE FOR ECZEMA



JONES *for* METHYLATED SPIRIT

ALL STRENGTHS IN STOCK
PROMPT DELIVERIES IN CASKS,
DRUMS OR TANK LORRY

Send your enquiries to

JONES & CO. (METHYLATORS) Ltd., Bow, London, E.3

Telegrams: "Methspirit, London."

Telephone: Advance 3210 (2 lines)

A PERMANENT 'ASPRO' DISPLAY

MEANS DOUBLE 'ASPRO' SALES AND MANY NEW CUSTOMERS FOR OTHER LINES AS WELL

'ASPRO' is the most powerfully advertised line of its kind in the world. Over 300 papers, with a total circulation of more than 32,000,000, carry the 'ASPRO' message several times monthly into almost every home in the country. Display 'ASPRO' continuously in your window and shop, and you will benefit from this enormous campaign just as though you paid for the advertisements yourself. Not only will your 'ASPRO' sales be doubled, but the display will bring new customers to your shop who will purchase other lines as well. This has been proved by many enterprising chemists. Write us to-day for our current window display and test it for yourself. You will see how quickly the public respond to the 'All-British' appeal of 'ASPRO.' There are also frequent changes of window stickers and giant cartons available.



'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents—**GOLLIN & CO., Pty., Ltd.** ('Aspro' Dept.) SLOUGH, BUCKS.
Phone: SLOUGH 444

Made by ASPRO LTD., SLOUGH, ENGLAND.

No proprietary right is claimed in the method of manufacture or the formula.



'ASPRO' IS ALL BRITISH

For OVER 75 YEARS

Dr. J. Collis Browne's
CHLORODYNE

has maintained a

WORLD-WIDE REPUTATION

TO-DAY'S DEMAND BEING
GREATER THAN EVER.

**ARE YOU GETTING
YOUR SHARE OF
THIS INCREASE?**

Be sure you hold stocks
to meet the demand and
remember that

Dr. J. Collis Browne's
CHLORODYNE

IS ONLY SOLD THROUGH CHEMISTS

SIZES 1/3, 3/-

Order from your Wholesaler
with other goods.

SOLE PROPRIETORS:

J. T. DAVENPORT Ltd.

UNION STREET, S.E.1

Paraffinum
Liquidum

B.P.

**ALL GRADES
SAMPLES & PRICES**

On application to —

STERNS LTD

16 Finsbury Square London E.C.2

Telephone: National 7644 (7 lines).
Telegrams: "Centumvir, Phone,
London."

WHOLESALE ONLY

—28,674—

known Renipas users to date, being 419 more than when
we last advertised three weeks since. There are now,
Mr. Chemist, 28,674 very good reasons why Renipas should
be upon your shelves, and here is another, better than all,

RENIPAS

Buyers in your district are yours for the taking.

Renipas is stocked by principal Wholesalers such as:—
Barclays, Brooks & Warburton, Butler & Crispe, May Roberts,
Newberrys, Sangers, Suttons, (Aberdeen) William Paterson, (Bir-
mingham) Hedges, (Bristol) Hodders, (Derby) Daniels, (Glasgow)
Cockburns, (Hull) Loftthouse & Saltmer, (Leeds) Hirst Brooke &
Hirst, (Leicester) Butler, St. Dalmas, Wands, (Liverpool) Ayrton
Saunders, Evans Lescher & Webb, Sumner, Thompsons, (Preston)
Barnes & Crompton, (Swansea) Rowland James, (Belfast) McMullan.
International Chemical Association, 69 Fleet St., London, E.C.4

BRAND

Okasa

TABLETS

THE RECOGNISED LEADING

HORMONE-GLAND Preparation

For the Treatment of all NEURASTHENIC DISORDERS
SILVER FOR MEN — GOLD FOR WOMEN

PRICES: Box containing 35 Tablets - 5/-
" " 75 " - 10/-
" " 250 " - 30/-

SOLD ALL OVER THE WORLD

SHOWCARDS & WINDOW DISPLAYS AVAILABLE

LEWIS & MELCHIOR, LTD.

21 Evelyn Ho., 62 Oxford St., W.1 Tel.: Museum 9244

*Doctors have known and prescribed
Argyrol for over twenty five years*

**NOW, its wider use
means they will prescribe
it even more !**

As medical science advances, Argyrol is used increasingly by Hospitals and Physicians to combat the virulent and obstinate strains of micro-organisms which are found to invade the delicate mucous membranes. The Medical Profession is now being reminded by literature and specialised advertising in the principal Medical Journals that Argyrol is an original product, unique in composition and therapeutic effectiveness. Be sure that you have genuine Argyrol brand Silver Vitellin available for prescriptions.

ARGYROL

Registered Trade Mark

brand. SILVER
VITELLIN

7/6 per oz. c.f.

Sole Distributors : FASSETT & JOHNSON LTD., 86, CLERKENWELL ROAD, E.C.1

BOWRING'S — LIVERPOOL

PRODUCERS & REFINERS OF THE LARGEST RANGE OF

STANDARDISED VETERINARY COD LIVER OILS

SPECIFICATIONS AND VITAMIN POTENCY GUARANTEED

*Write for samples and particulars of methods
employed for assaying Vitamin Potency, to*

**C. T. BOWRING & Co., Ltd.
20 CASTLE STREET
LIVERPOOL**

Telephone :
BANK 1336
(4 lines)

Telegrams :
" BOWRING "
LIVERPOOL

WORLD-FAMED BLOOD PURIFYING MEDICINE

'BLOOD MIXTURE'

Registered Trade Mark

Brand

UNSTAMPED STOCK

FOR SALE IN GREAT BRITAIN

(BY CHEMISTS ONLY)

'Clarkes' 'Blood Mixture' Retail 3 doz. 12 doz.
 Cases Cases
3/- £4/1/- £15/6/-
BRAND
(LIQUID OR TABLETS)

NET. CARRIAGE PAID. PACKING FREE

ASSORTED ORDERS

| | | Retail | Min. value £4.1/0 per doz. | Min. value £15/6/0 per doz. |
|------------------------------------|---------------|---------------|-------------------------------------|--------------------------------------|
| ‘Clarkes’ ‘Blood Mixture’ BRAND | | 3/- | 27/- | 25/6 |
| ” | ” | 12/- | 108/- | 102/- |
| ” | ” | ” Tablets 3/- | 27/- | 25/6 |
| ‘Clarkes’ Skin Lotion BRAND | | - 1/3 | 11/6 | 10/6 |
| ‘Clarkes’ Salve BRAND | - | - 1/3 | 11/6 | 10/6 |
| ” | ” | - 3/- | 27/- | 25/6 |
| ” | ” | - 5/- | 45/- | 41/6 |
| ‘Clarkes’ Aperient Pills BRAND | | - 1/3 | 11/6 | 10/6 |
| ” | ” | - 3/- | 27/- | 25/6 |
| ‘Clarkes’ Medicated Soap | | | | |
| | Box 3 Tablets | 2/6 | 8/- | 7/6 |
| | Single Tablet | 1/- | | |

Orders may be assorted as desired at above rates, provided the minimum values reach £4/1/- or £15/6/- respectively.

Carriage Paid. Packing Free
Terms—Strictly Net, Monthly Account

**Order Your Supplies NOW, either Direct
or through your usual Wholesale House**

**The Lincoln and Midland Counties Drug
COMPANY, LIMITED
PARK STREET, LINCOLN**

Telegrams : 'Lindum, Lincoln.'

Telephone : Lincoln 55

*Bleached
White
B.P.*

*Bleached
White
B.P.*

BEE SWAX

*Refined
Yellow*

*Refined
Yellow
B.P.*

POTH, HILLE & CO., LTD.

6 Lloyd's Avenue, London, E.C.3.

Works at Stratford, E.

ERGOPIOL
(Smith)

Protective Mark
Patented in U. S. and
Foreign Countries

Ergoapiol (Smith) is identified by the letters "M. H. S." raised in the gelatin on the inside of each capsule—thus ↗

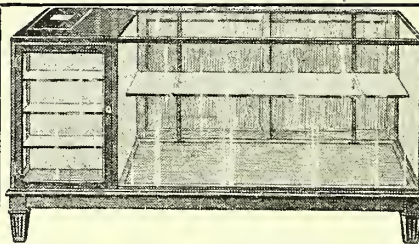


Capsule cut in half thru
the seam, showing
initials

Capsule intact, showing
no mark objectionable
to the physician.

[Ergoapiol (Smith) is to be had only in packages of twenty capsules each—never supplied in bulk or other form.]

MARTIN H. SMITH CO., New York, N. Y., U. S. A.



The Ideal Chemist's Counter

No. C.D.F. 5191
A new type of
COMBINED
DISPLAY
COUNTER
with Showcase
and Cash Till. Con-
structed of Oak or

Mahogany framing. 6 ft. long \times 2 ft. wide \times 3 ft. high. Top, front and end $\frac{1}{2}$ in. drawn plate glass. The display section is 4 ft. 4 in. long with panelled back doors enclosing 1 glass shelf. The interior is mirrored glass one end. At side is fitted a reliable cash till with showcase front as shown. The showcase is 18 ins. wide and fitted with 3 glass shelves each 4 ins. deep. The case is mirror-lined at back and door is fitted lock.

Deferred Payment Terms.—12 equal monthly payments of 26/3
Full List of Showcases No. CD 1400 free on request.

DUDLEY & COMPANY, LIMITED, 451 Falloway Road, London, N.17
 City Showroom : 65 Fore Street, E.C.

Xmas News

GOODALL, BACKHOUSE & CO., WHITE HORSE STREET, LEEDS.

GOODALL'S

this year for

XMAS GIFTS and Toilets

1933 WILL BE BEST BUSINESS
XMAS FOR YEARS

Better trade means heavier buying

Easy now to get your share of the business

Christmas is a time of widely-opened purse strings, a time when even the stingy are transformed, when the whole world thinks of presents. More people are employed to-day than for many months, and everything points to the fact that this year will see more buying than any Christmas season since the "boom" years. It is worth while to prepare to take your share of the Christmas profits by stocking up your toilet and fancy departments now. All the famous makers—Coty, Yardley, Atkinson, Bourjois, are preparing heavy advertising schemes, which will drive people in the shops for their goods. You will be wise, therefore, in making your selection early, and getting the goods on show. We are ready for you; we have a choice such as it was impossible to offer you before the opening of our new showrooms a few months ago; and everything is now ready for your inspection. Come along as early as ever possible, and let your customers see that yours is the shop for Christmas buying.

GOODALL'S excel themselves "the best Xmas display ever"

"Goodall's this year have excelled themselves," said one of our regular customers who had a pre-view of our offerings a day or two ago, "they have shown what the Provinces can do when they set themselves about it!" We are proud of this tribute, for in 1933 (thanks to our new showroom) we have certainly gone further to meet our customers' toilet and fancy goods needs than ever before. Literally hundreds of new lines have been added to our already wide stocks. No longer have our customers to "go direct" for their less usual requirements; they are finding, week after week, that "Goodall's have it." We ask you to remember this, and,

COME AND SEE OUR SHOW.

STOCK and DISPLAY ESPECIALLY:

Coffret Boxes (all prices) by Coty, Yardley, Bronnley, Atkinson, Ku-Bist, etc., etc. Flapjacks, Powder Boxes, Sifters, Powder Bowls. Magnifying Make-up Mirrors, Handsome Brush Sets for men and women, in leather cases, or in Xylonite for the dressing-table, Shoe Toilet Sets, Swansdown Puffs (in special postal boxes), "Iva" and other Handkerchief Puffs, Pyjama Cases, etc., etc.

GOODALL, BACKHOUSE & Co., White Horse St.
(5 seconds from Boar Lane), LEEDS

PERFUMES—

Again the most popular gift

PACKS OF DAZZLING BEAUTY

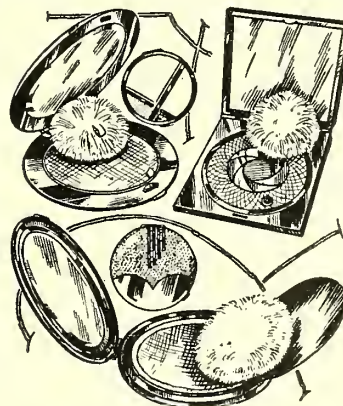
Everybody knows that a gift of high-class perfume is always welcome; it is the one safe bet as the always-acceptable present for the fastidious woman.

So we have simply enormous stocks of perfumes. The chief manufacturers have surpassed themselves in design this Xmas—never have perfume packs been more beautiful, more charming, or so thoroughly in the modern manner. The values are extraordinary; Dubarry, for example, show all-round reductions on last year with even finer packs. Our Dubarry show is worth extra attention, whilst the Coty, Atkinson and Morny offerings also should not be missed. Yardley's, too, are advertising heavily this season, so it will be advisable to stock their products heavily. A few bottles of our own Ku-Bist No. 7 Perfume are worth stocking for the sake of your really-difficult-to-please customer. It is specially imported directly from Paris, and is the pick of a dozen or more specially created for us.

FLAP-JACKS and POWDER SIFTERS

These will be very popular gifts this Christmas-tide. Last year they were rather too dear for all except the "well-off"; to-day, whilst designs and quality are far improved, the prices are within everybody's reach. We have designs for

every taste—
simple,
ornate, large,
small, and in
almost every
colour and
every colour
combination.
Our stocks
cannot be de-
scribed—you
must come
and see them
or allow us
to send you a
selection
within your
price limits.



SOMETHING THAT *will sell itself!!!*

Take a useful product in fairly constant demand and offer it to the public in an attractive packing and it will sell itself "Pennine" Brand Ginger Wine Essence—our new line—we have packed in attractive 3 oz. bottles, attractively labelled, because we realize that attention to these details makes the retailer's job of selling an easier one. We have also taken every care to



manufacture a really first class product. Here then you have a product right on every point of importance—quality—appearance—price.

Order your stock now and place a bottle where it will be seen. Prices are 5/3 per dozen bottles, or in gross lots 5/- per dozen bottles.

"Pennine"
BRAND

GINGER WINE ESSENCE

Sole Manufacturers:

THORNTON & ROSS, LTD., Manufacturing Chemists, Milnsbridge, Huddersfield.

Telephone: 179 Milnsbridge.

PURE ORANGE WINE A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P. 1914.) Prepared in strict accordance with the Formula of the British Pharmacopœia.

Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

(Wholesale only.)

THE ORIGINAL BLACK BEER

For over a century Hobson's Black Beer (non-intoxicating) has been well known. Backed by sustained advertising there is a steadily increasing demand. Special agency terms to wholesalers are now available in certain districts. Own name literature and other sales aids gladly supplied. *Wholesale enquiries invited.*

JOSEPH HOBSON & SON, Ltd., Regent St., LEEDS

'Phone: LEEDS 25270

Telegrams: "SPRUCE," Leeds

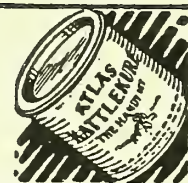
ATLAS

"KATTLEKURE"

The Best and Safest Remedy for Cattle, Horses, etc.

There is money to be made in Veterinary lines if you stock the right lines. "Kattlekure" is known throughout the country and regularly advertised in all the farming journals.

CARTER BROS., SHIPLEY, Yorks



FOR NEARLY TWO CENTURIES

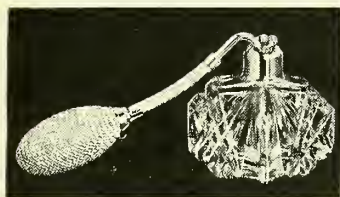
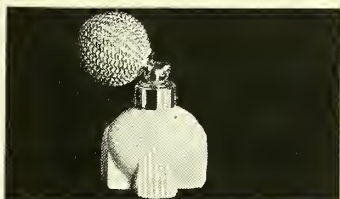
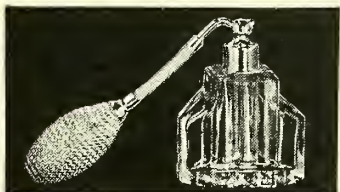
WE HAVE SATISFIED AND SERVED
THE BRITISH PHARMACIST IN ALL HIS REQUIREMENTS

WILLOWS, FRANCIS, BUTLER and THOMPSON, Limited
73/75/89a SHACKLEWELL LANE, LONDON, E.8

Phone: CLISSOLD 6361.

ESTABLISHED 1751.

Wire: FORTY KINLAND LONDON.

HV-132 Crystal Cut Chromium
66/- per dozenS-50 Assorted colours and shapes.
Gold or Nickel according to colours
30/- per dozenHV-107 Crystal Cut Chromium
60/- per dozen

DeVilbiss

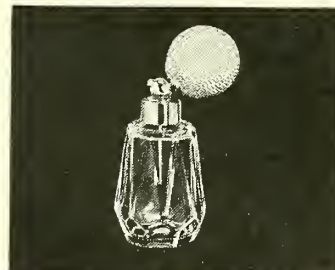
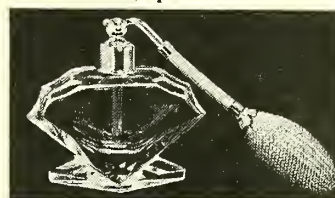
PERFUME SPRAYS

In these days beauty is too often sacrificed to efficiency—and vice-versa. DeVilbiss Perfume Sprays combine the two in their own refreshing way. In colour, design and finish they delight the critic's eye; in efficiency and reliability they win the heart of the 'practical-minded.' This Christmas they will be selling in greater profusion than ever—and your profit will be as generous as ever.

AEROGRAPH CO. LTD.

43 HOLBORN VIADUCT, LONDON, E.C.1

Sole distributors in the United Kingdom

HV-143 Crystal Cut Chromium, Grey
Silk Tassel. 78/- per dozenAH-5 Crystal Cut Nickel
26/- per dozenHV-140 Crystal Cut Chromium
72/- per dozenHV-153 Rosalind Chromium
78/- per dozen

CVS-69



Wholesale Prices

1/3 Size
11/6 per dozen net
3/- Size
27/6 per dozen net

Carriage Paid Gross Quantities
or equivalent.

Manufactured only by

J. F. WHITE & CO., Chemists
BENSON STREET, LEEDS.

STOPPERS AND BAKELITE SCREW CAPS



200 Varieties
Any Colour.

A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.



T. WEBSTER & Co., Ltd. Telephone: Mountview 0952
Diamine House, Middle Lane, Hornsey, LONDON, N.8

LOSALL'S SALT

Sells freely and readily. **PAYS 50% ON OUTLAY**
An infallible remedy for

**GOUT,
RHEUMATISM,
ECZEMA
and SKIN
AFFECTIONS.**

P.A.T.A.

4 oz. tins 1/-
8/- doz. net

8 oz. tins 1/9
14/- doz. net

Bottles 2/-
16/- doz. net



Attractive advertising matter supplied on application
SOLD EVERYWHERE

Manufactured by

LOFTHOUSE & SALTMER, Ltd.
HULL

PURE MALT EXTRACT

with *FINEST*

NORWEGIAN COD LIVER OIL

The Brand that does not separate nor crystallize.

Your own name and address on labels. In English jars, etc. Direct from the actual manufacturers.

THE BRITISH DIAMALT COMPANY
SAWBRIDGEWORTH - - HERTS.

London Office :

116 Church Road, Upper Norwood, S.E.19.

Phone : LIVINGSTONE 3583.

DRIED YEAST

Produced from the celebrated "D.C.L." pure culture Yeasts, obtainable in the following grades :—

- (1) For fermentation or baking purposes.
- (2) For medicinal use, in ground or powdered form.

YEAST TABLETS

In Bottle or Bulk

- (1) Live—or fermenting.
- (2) Silent—or non-fermenting.

DRY MALT EXTRACT

A kindred product to the world-renowned "D.C.L." Malt Extract.

Samples and prices may be obtained from :—

THE

DISTILLERS COMPANY LTD.,
12 TORPHICHEN ST., EDINBURGH

or :—

THE UNITED YEAST COMPANY LTD.
LONDON, BRISTOL, BIRMINGHAM,
MANCHESTER, LEEDS & NEWCASTLE

*You will be
asked for*

HONICOSE
THE PERFECT FOOD

Honicose is a carefully blended preparation of Glucose and Honey (or Malt) and as it is a perfectly balanced food and most palatable, is a marked advance over all other Glucose preparations.

It has been most favourably commented upon by the Medical Profession and is being prescribed by doctors everywhere. A comprehensive press advertising scheme is now being launched and to enable you to reap the benefit, we have prepared a display showcard for your use which will be gladly sent on request, together with literature.



HONICOSE PRODUCTS
(SALES) LTD.

26 COOPER ST, MANCHESTER

THE MOST INTERESTING BABY AND FAMILY FOOD NEWS OF THE YEAR

WE want to draw your special attention to the huge advertising campaign in the great national newspapers, "The Daily Mail," "The Daily Herald," "The Daily Express," etc., etc., for

BLAKEY'S MALTED OATMEAL

commencing with "THE DAILY MAIL" (whole page), November 3rd, 1933

You will see and hear this slogan everywhere **"MY BABY LOVES IT!"**

Make sure you have a window display for the opening weeks of this great campaign. We are issuing attractive showcards, window bills, advertisement reprints, recipe books and entry forms for the great free insurance scheme.



See that you are well stocked with supplies, ready for the big demand on November 3rd.

Blakey's is a perfect food for babies, expectant and nursing mothers, and a splendid food for all the family—young and old. Takes only two minutes to prepare. The most economical food ever produced.

Blakey's Malted Oatmeal has been sold in Lincoln and district for over 40 years and is now distributed everywhere.

CARTONS 6d. TINS 1/3

BLAKEY'S MALTED OATMEAL, LINCOLN

LINK UP WITH OUR EXTENSIVE ADVERTISING CAMPAIGN BY PROMINENTLY DISPLAYING

Simpkin's

MEDICATED TABLETS

and GLUCOSE
with DEXTROSE **BARLEY SUGAR.**

Manufactured for the chemist exclusively
under Pharmaceutical supervision.

Write us or ask our Representative for particulars.
(GREAT BRITAIN & N. IRELAND.)

A. L. SIMPKIN & Co., Ltd., Specialists and Pioneers of High
Grade Chemists' Confections.

BARLEY SUGAR WORKS, SHEFFIELD 6



1932
EXHIBITION SALES

The Astounding "Repeat" Business of HERBARAS

FACTS THAT WILL INTEREST YOU

There is a growing demand among critical people for a natural treatment for constipation ● This demand stimulated by our educational advertising has exceeded expectations ● In 3 months only, Trade "Repeat" business has increased by 823%! ● The Herbaras treatment is the emollient action of seeds of a selected plantago type ● It is being increasingly prescribed and recommended by the Medical and Nursing professions. ● THE GOODWILL OF EVERY LOCAL ORDER IS HANDED OVER TO THE LOCAL CHEMIST.

P.A.T.A.
TERMS

1/9 (½ lb. packet) - - 15/9 per doz.
3/- (½ lb. ") - - 27/- " "
5/- (1 lb. ") - - 45/- " "
9/6 (2 lb. ") - - 85/6 " "

All orders over £1 NETT sent Carriage Paid.
Counter or Window Display Terms on application.

JOHN W. LONGMAN LTD.

Overseas Produce
Merchants & Importers

C.D. GLYCE HOUSE,
489a Oxford Street,
LONDON, W.1.



TO DYE COTTON WOOL OR SILK
TANGRINE
TANGRINE
TANGRINE

Advertised goods yield quick profits

FAIRY DYES

are big sellers—always in popular demand. They mean quick turnover and liberal profits. Fairy Dyes are forging steadily ahead and you should periodically inspect your stocks.

Retailed at 2d. per tube—attractively packed. 31 shades and colours.

Be wise—stock

LONDON DEPOT:
292 UPPER ST.,
ISLINGTON - N. 1

Fairy Dyes


FAIRY DYES, LTD., GLASGOW, N.W.

English Filter POSTLIP Papers

SQUARES
CIRCLES
FOLDED
ROLLS

WHITE
GREY
PLAIN
ANTIQUÉ
EMBOSSED
CRINKLED

SAMPLES
FREE

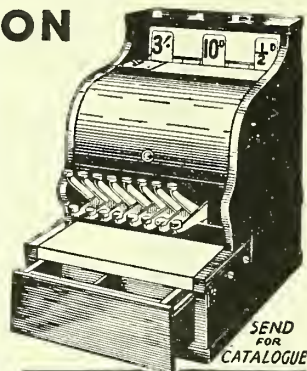


Postlip filterings are stocked by all the leading Wholesale Laboratory Dealers.

Evans, Adlard & Co. Ltd.
Postlip Mills, Winchcombe, Cheltenham.

COMPETITION

demands the most modern equipment. It is absolutely essential that your cash checking system be up-to-date—the Gledhill "Monarch" Cash Register provides you with the most efficient method. Models in Oak, Mahogany and Chromium. British throughout. Write for particulars.



GLEDHILL'S 16 TRINITY WORKS
HALIFAX ENG.

AYRTON-GRAHAM LTD.

Designers and actual manufacturers of

FITTINGS

For the MODERN PHARMACY.

Shop Fronts, Show Cases, Exhibition Cases, Counter Cases, Counters, Wall Cases, Glass Signs, etc., etc.

PHARMACIES MODERNISED.
ALL GOODS OF BEST QUALITY
AND FINISH AT LOWEST RATES.
Competent Fitters sent to all parts.

24 BENSON ST., LIVERPOOL

★ THE STAR TURN



Pharmal

HOT WATER BOTTLES

SALLY EILERS & BEN LYON in a
scene from the B.I.P. Comedy "I SPY"

Three's company when the third Star is the
'Pharmal' Hot Water Bottle—the bottle that
is the chemists' fastest seller.

Its popularity rivals that of the Film Stars—for the
'Pharmal' possesses exclusive features that make
it a warm favourite in customers' estimation.

In red, green, blue, blue and green marble, and
jazz. Obtainable through all the leading
wholesale houses.

Write for leaflets for counter distribution
THE LEYLAND & BIRMINGHAM RUBBER Co. Ltd.
LEYLAND, LANCS.

London Office: Grand Buildings, Trafalgar Square, W.C. 2

FIXED RETAIL PRICE
2/6
EACH

25 Years of Experience and Success
have proved that Patentex is a most hygienic, safe and æsthetical
contraceptive. Recommended by medical authorities.

Non-greasy
Disinfectant
Deodorizing
Curative and
Beneficial.



Most simple
application.
Excellent
Showmatter and
Literature.

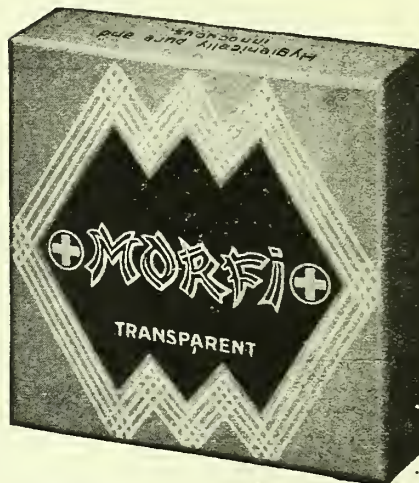


Ask for free leaflets
and 1933 Price List.

Ensure satisfied
Customers and
good profits by
stocking

**KAYDOR
QUALITY
PRODUCTS**

KAYDOR Ltd.
Rubber Goods Makers
109 Charlotte St.,
LONDON, W.1

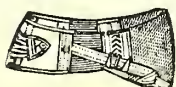


J. H. HAYWOOD, Ltd.

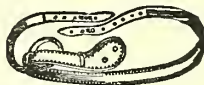
Surgical Appliance Manufacturers.
Castle Gate, NOTTINGHAM
Telephone: 40488 NOTTINGHAM.
Telegraphic Address: "APPLIANCE, NOTTINGHAM."

Established 1833

SPECIALITIES FOR WINTER.



ELASTIC HOSIERY (Seamed and Seamless), TRUSSES (Spring and Elastic), SUSPENSORY BANDAGES, BRACES, LADIES' AND GENT'S ABDOMINAL BELTS for support and warmth, made in felt, flannel and fleecy.



CHEST PROTECTORS, SLEEPING SOCKS, INDIA-RUBBER AND AIR-PROOF GOODS, NURSING REQUISITES, DRUGGISTS' SUNDRIES, &c.



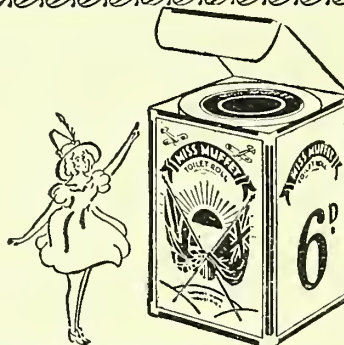
PRICES ON APPLICATION

Your Wholesaler Can Supply

**MISS MUFFET
TOILET ROLLS**

675-700 Sheets of 100% Pure White Paper. Free from advertisement (printing ink is dangerous). Neatly reeled—well perforated—packed in dust-proof cartons.

IN CARTONS



THE MISS MUFFET TOILET PAPER CO., West Bridgford, Nott'm.

Now for Bed and sweet repose, with a warm "Cosytoes"

200,000 people will be thinking that this winter.
Are you getting your share of the business?



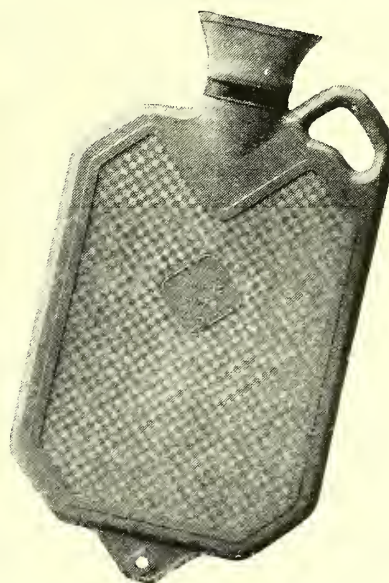
SIMPLEX MOULDED

Retail 2/-



"COSYTOES"

Retail 2/6



SIMPLEX SUPER MOULDED

Supplied in box

Retail 5/6

A range of Bottles which will enable you to meet any competition.

OBTAINABLE FROM ALL WHOLESALERS.

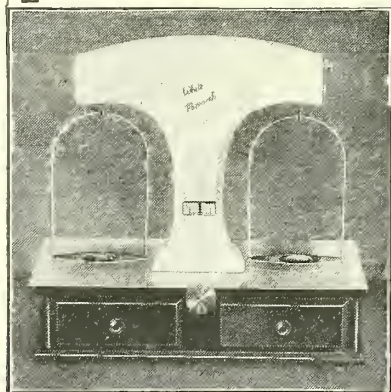
J. G. FRANKLIN & SONS LTD.

BIRKBECK RUBBER WORKS, LONDON, E.8

also at Nottingham

MAKERS OF FINE RUBBER PRODUCTS FOR OVER 60 YEARS

Have You Ordered Your "White Monarch" new Enclosed Model Balance Yet?



SUPPLIED FITTED WITH CAM RELEASE AS ILLUSTRATED OR WITH TRIGGER LEVER LIFT IF PREFERRED. ALSO WITH DOUBLE STIRRUPS AS SHOWN OR OPEN ARM TYPE. 2 STAINLESS STEEL PANS OR 1 STAINLESS AND 2 GLASS PANS. STAINLESS STEEL PLATE ON TOP OF BOX. ALL EXPOSED PARTS CHROMIUM PLATED. CAPACITY 2 OZ. SENSITIVITY $\frac{1}{20}$ GR.

WILLIAM A. WEBB LTD.
4 & 5 Skinner Street,
London, E.C.1

ENTIRELY PROTECTED FROM DAMAGE, CORROSIVE FUMES AND DUST BY WHITE PORCELAIN ENAMELLED HOUSING. CLEANED IN A MOMENT, CANNOT EASILY BE KNOCKED OVER AND IS NOT DAMAGED BY SUNDRY KNOCKS OR HARD USAGE.

Durability, accuracy and cleanliness are embodied in this model Balance. Every instrument guaranteed of best possible workmanship.

Ask your Sundries House to show you a "White Monarch"

THE HIGH-GRADE BALANCE AT A MODERATE PRICE

"SURCO"

RELIABLE
ELASTIC HOSIERY
SEAMED & SEAMLESS

For special garments to measure we maintain a 24 hour service.

:: **BODY BELTS** ::
TRUSSES :: **SUNDRIES**

Write for Catalogue.

SURGICAL HOSIERY CO., LTD.

Russell Street :: NOTTINGHAM

Telephone No.: 75903.

Telegrams: SURGICAL, NOTTM.

NORVIC

Regd.

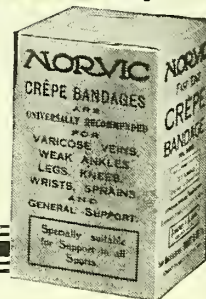
BLUE CARTON CRÊPE BANDAGES

Concentrate on "NORVIC" the QUALITY Crêpe Bandage. Protected Prices mean assured profits.

P.A.T.A. PRICES

| | | | | |
|-----------|--------|------|--------|-----------|
| 2" | 2 1/2" | 3" | 3 1/2" | 4" |
| Cost 12/- | 15/5 | 18/5 | 21/5 | 24/5 doz. |
| Sell 1/6 | 1/11 | 2/5 | 2/8 | 3/- each. |

Stocked by leading Wholesalers.



Sole Manufacturers:
GROUT & CO., LTD. 35 Wood St., London, E.C.2

• **Winning new customers
for over 40 years!**



From your
Wholesale
House, please.

A superior quality hygiene and a great favourite with women. Also SU-CAN Soluble, for easy disposal.

ROBINSON & SONS LTD., CHESTERFIELD & LONDON

6 FAVOURITE 6 SANITARY TOWELS

The original 6d. packet Brand is now indisputably world famous. Its ever-increasing popularity has enabled us to include an additional Towel

Towel Makers for 80 years

ARTHUR BERTON, LTD.

"BRITANNIA HOUSE"

256-260 Old Street, London, E.C. 1

'Phone: Clerkenwell 1346-7-8-9

'Grams: Aybelim, Finsquare, London

MANCHESTER:

36 Chapel Street

'Phone: Blackfriars 4536

GLASGOW:

29-31 Duke Street

'Phone: Bell 702

PERKEN, SON & CO., LTD.

Established 1852.

Contractors to H.M.
Government.

THE
"MATER"
CLINICAL
REGD.

ALL
TYPES
OF
CLINICAL
AND OTHER
THERMOMETERS

Price List on Application.

94 HATTON GARDEN,
LONDON, E.C. 1

Telephone: 0724 Holborn.

Telegrams: "Optimus, Smith, London."



SOL-VO REGD. TOILET PAPER

PURE - SOFT - HYGIENIC
(Completely Wrapped)

SELLING AIDS.

A display Showcard and "Personal Hygiene" leaflets with every order.

750 perforations to every roll.

No dirty edges, completely wrapped and sealed.

3 Doz. @ 6/- Doz. 6 Doz. @ 5/9 Doz. 12 Doz. @ 5/3 Doz.

CARRIAGE PAID NET



FORD, SHAPLAND & CO. LTD.

PRINTERS & WHOLESALE STATIONERS,

GREAT TURNSTILE, HIGH HOLBORN, LONDON, W.C.1

Telephone: HOLBORN 4695.

DISPENSING
EMULSION
EMBROICATION
COUGH
FEEDING
SAUCE
PERFUME
JAM
POISON
MILK



LAX & SHAW LTD

Registered Office:

ALBERT GLASS WORKS, HUNSLET, LEEDS

Three Factories:

ALBERT, CLARENCE AND DONISTHORPE

for glass bottles of every description

WHOLESALE OR EXPORT ONLY

Best sellers

The public is asking
for **ZEAL**
CLINICAL
THERMOMETERS

because they are:-

GUARANTEED TO
STAY ACCURATE
CONSISTENTLY
ADVERTISED

Made by

ZEAL

*-the name the
public knows.*

G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1.



You need only stock the full range of Southalls Sanitary Towels to satisfy the needs of the vast majority of your customers.

- "ORIGINAL," most popular.
- "CELTEX," soluble.
- "K," made entirely of absorbent cotton wool, with very soft cover.
- "COMPRESSED," for Travelling.

Southall Bros. & Barclay Ltd., B'ham

SOUTHALLS
SANITARY TOWELS

WE SUPPLY

DECORATED TINS

FOR PACKING

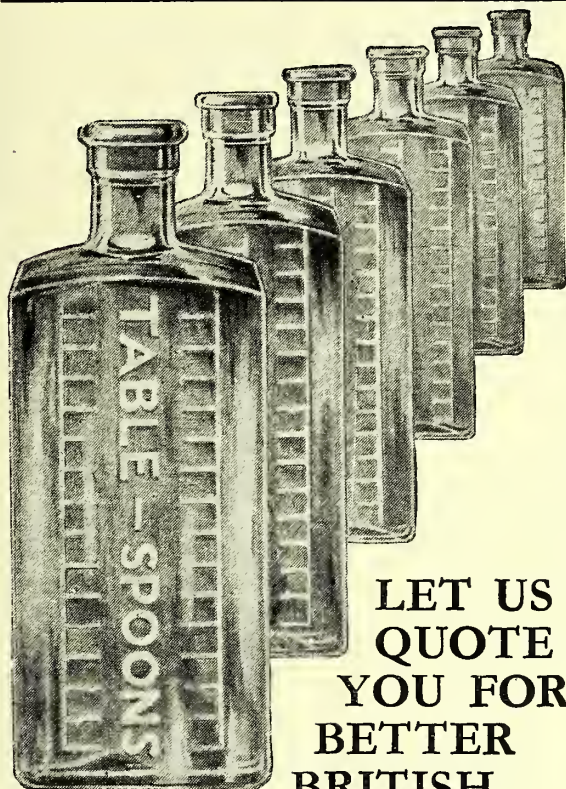
OINTMENTS

AND OTHER PRODUCTS.

SAMPLES AND PRICES UPON REQUEST.

THE CALDICOT TIN STAMPING WORKS LTD.

CALDICOT, Nr. CHEPSTOW, Mon.



LET US
QUOTE
YOU FOR
BETTER
BRITISH
BOTTLES

For eighty years or so we have been making bottles of every description, so we can claim to know something of Drug Trade Requirements.

Hand or machine made bottles of every type—sturdy and accurate and well finished—we can supply whatever you need.

Bottles of first class quality at highly competitive prices. It will pay you to ask us to quote for your next order.

ESTABLISHED 1851

**FREDERICK
HAMPSON Ltd.**
PERSEVERANCE GLASS WORKS
SALFORD 5

Telephone ;
Trafford Park 0814/5.

Telegrams :
"Attention" Salford.

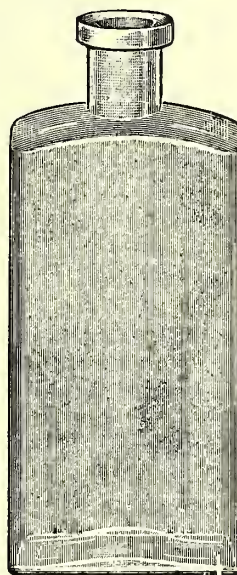
BEATSON, CLARK

& COMPANY, LIMITED

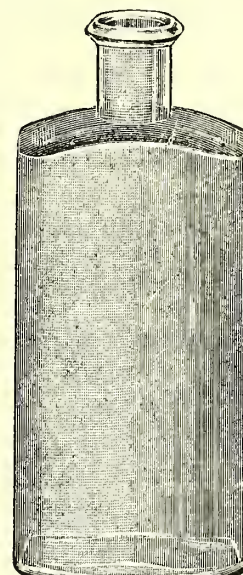
*Chemical and Medical Glass
Manufacturers,*

ROTHERHAM, YORKS

*The Chemists who are doing
the business are the Chemists
who turn the work out well.*



Round Cornered Flat



Oval Fronted Flat

*There is no better help than
a smoothly finished, bright,
attractive bottle.*

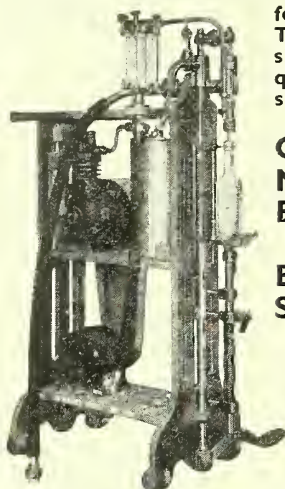
REASONABLE IN PRICE
SATISFACTORY in FINISH

Telegrams :
BEATSON, ROTHERHAM.

Phone :
No. 88, ROTHERHAM.

ESTABLISHED 1751

ROBERTS' PATENT "LEO" VACUUM FILLER



for Glass, Stone, and
Tin Bottles. Fills all
sizes from drachm to
quart—long, short or
sprinkler neck.

**Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing**

WRITE FOR PARTICULARS

Roberts' Patent Filling Machine Co.

T. ROBERTS, Proprietor,
33 Roundcroft St., Bolton, Lancashire
Makers of every description of Bottle
Filling and Shallow Jar and Tin Filling
Machine for the Chemists' use.

ALL RIGHTS RESERVED

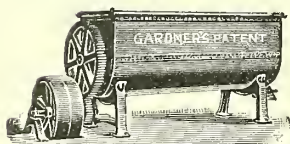
NOV. 11

REMEMBRANCE

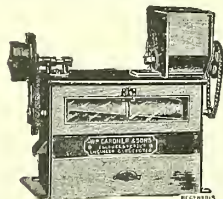
● DAY ●

PLEASE GIVE
A LITTLE
MORE FOR
YOUR POPPY

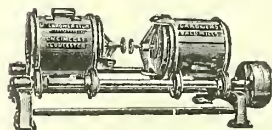
GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



Gardner Ball Crushing Mill.

for Chemical purposes
must be rapid, super-
fine, of laboratory ac-
curacy, and absolutely
consistent.

Gardner machines
perform all these
operations in the most
efficient way.

They are economical
and efficient; a high
standard is maintained
in the quality and
quantity of their out-
put.

Details and Catalogue of
all Gardner plants from

**WM. GARDNER
& SONS (Gloucester)
LTD.**

BRISTOL ROAD, GLOUCESTER

Telephone: 2288 (2 lines),
Telegrams: "Gardner, Gloucester."
London Office: 19 Gray's Inn Chambers,
20 High Holborn, W.C.1.
Telephone: Chancery 7347.

Whose Money?

WHEN mistakes, forgetfulness and temptation take
toll of the takings . . . whose money is short?

Wholesalers, assistants, rent, rates, taxes and other
overheads must be paid. Whenever cash leak-
ages occur IT IS THE PROPRIETOR
WHO LOSES.

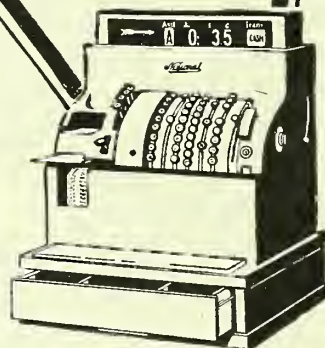
That is why thousands of retailers through-
out Britain declare that their adoption of a

National
CASH REGISTER

is the best investment
they ever made.

"NATIONALS" embody
every Cash Register
feature of proved value.
They not only reveal and
stop profit leakages . . . they
enable alert retailers to
INCREASE profits, and to
do it with much less work
and worry.
Full details about a "Na-
tional" that will meet your
needs exactly await your re-
quest. Write and tell us
your problems to-day. Every
machine is offered on easy
terms, and enquiry involves
no obligation.

Address enquiry to:—
**NATIONAL CASH
REGISTER Co. Ltd.**
225 Tottenham Ct. Rd., W.1
Phone: MUSEUM 9811



Small TABLET MACHINE

*Capacity 60 to 80
Tablets per minute*

Working on "rack and
pinion" principle.

Absolute simplicity
and smooth working.

Adjustable screw for
pressure.

Any size or weight of
Tablet up to $\frac{1}{2}$ in. diameter.

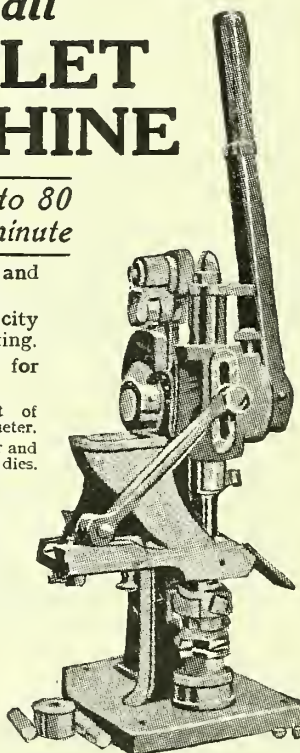
Complete with spanner and
one set of punches and dies.

£7 : 15 : 0

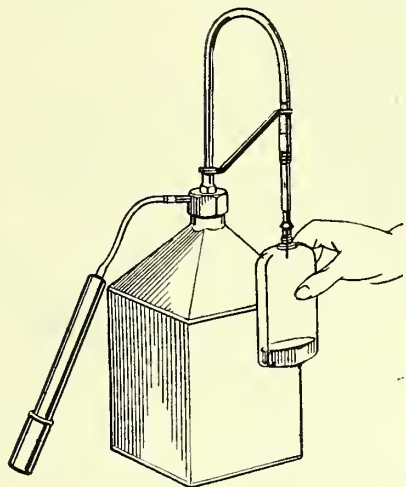
**J. W. PINDAR
& CO.**

Druggists' Engineers.
Pill Machine
Manufacturers.

Endwell Road,
Brockley,
London, S.E.4.



TOOGOOD'S BOTTLE FILLING APPARATUS for Sprinkler-neck Bottles

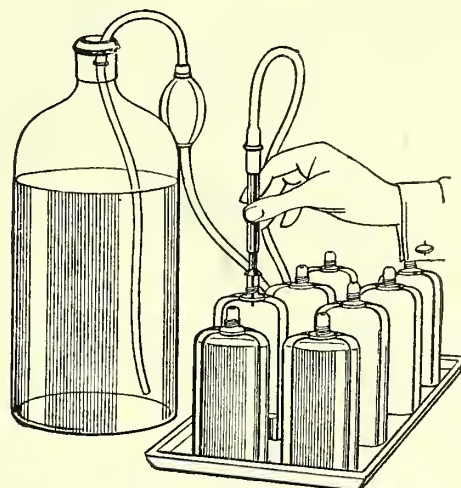


Pressure Type for Oils or
Thick Liquids.

Made in
two styles

A new type of Filling Valve

Prov. Patent No. 30222



Gravity Type
for Spirits or
Thin Liquids.

For prices and full particulars apply to

WILLIAM TOOGOOD LIMITED

77 SOUTHWARK STREET
London, S.E.1

DISTILLED WATER

AT
 $\frac{1}{3}$ d. PER GALLON

By using Brown's Patent Automatic Water Stills pure distilled water may be obtained at the above cost, using steam at any pressure between 30 and 100 lbs. per square inch. The product is pure distilled water, not condensed water from steam service pipes. Full particulars free on application. Enquiries are not followed by personal call.

MADE ALSO FOR GAS HEATING
BROWN & SON, LTD.
Alembic Works, Wedmore St., London, N.19



*Buy direct
from the Makers*

SCINTILLATING SIGN SERVICE
68a COLEBROOKE ROW,
ISLINGTON, N.1

All Types of Chemists'
Signs. Illuminated
and Non-illuminated

PRICES ON APPLICATION

REPEAT ORDERS ARE CONCLUSIVE EVIDENCE OF SATISFACTION!

Many well-known Houses have now from 3 to 6 machines installed, because this SIMPLE and EFFICIENT filling device gives MAXIMUM PRODUCTION at a minimum of cost. No trouble to charge. EASY TO OPERATE AND CLEAN, whilst equally suitable for SPRINKLER NECK or ORDINARY CONTAINERS (with light or heavy preparations).

THE "LAUDER" BOTTLE FILLING MACHINE (No. 4A)

(Patent pending)

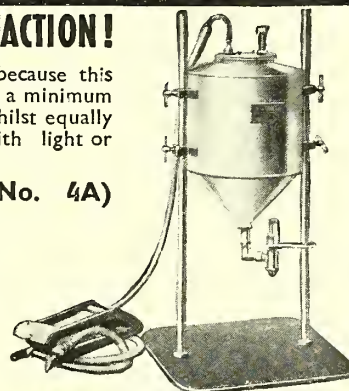
is strongly made of STAINLESS STEEL (2 and 5 gallons), and fitted with our latest SELF-CONTAINED VALVE. Compressed air generated without exertion by small foot pump supplied, and regulated with adjustable SAFETY VALVE. Beware of frail and spurious imitations!

Full particulars from Sole Manufacturer:

L. T. LAUDER, 4 Miles Hill Street, LEEDS, 7.

'Phone: 43039.

Wires: 'Phone, 43039, Leeds.





Concealed Thread Caps

SCREW CAPS IN ALL METALS

INCLUDING NICKEL AND GILT FOR FACE CREAM POTS, CONTAINERS, &c.

BAKER METAL STOPPER CO. LTD.

Telegrams: "Screwcap, B'ham." Telephone: Northern 1562

HADLEY STREET, KEY HILL, BIRMINGHAM

WHY NOT ENQUIRE ABOUT OUR NEW

IDEAL SHOPFITTINGS?

PHILIP JOSEPHS & SONS, LTD.

PHARMACEUTICAL SHOPFITTERS

90 & 92 St. John Street, Clerkenwell, LONDON, E.C.1

Telephone: CLERKENWELL 2191

Telegrams: JOSIPHIAH SMITH, LONDON

"PHARMACY FITTERS FOR OVER A CENTURY"

INSIDE KNOWLEDGE



. of your particular advertising needs, acquired over a period of sixty years, enables us to supply you with the most sound and up-to-date advice on all matters relating to the advertising and display of your product.

ALF HARRISON & SONS CHEMISTS' AND ADVERTISING PRINTERS

BURLEY ROAD, LEEDS—4

LONDON OFFICE: SENTINEL HOUSE, SOUTHAMPTON ROW, W.C.1

'Phone: Holborn 9200

SAFETY RAZOR BLADES TO PRIVATE BRANDS

We are specialists in the production of Safety Razor Blades to Private Brands—Home or Export—Prices competitive—Special wrappers, cartons and labels designed to customers' ideas—In fact your Private Brand complete and ready for sale—Large output available from most modern plant.

CONSULT:

Dominion Steel Corp. Ltd.
"Fleet" Works, Queen's Rd., Sheffield, Eng.

**THE
STUFF
TO GIVE
'EM**

RATS

The most effective rat exterminator, showing the widest margin of profit. Backed by vigorous and sales compelling advertising.

ROMOR THE DEADLY RAT POISON

7½d. size, 5/-; 1/3 size, 10/- per doz.
3 doz. lots (13 to doz.) carriage paid, less 10%.
6 doz. lots, less 15%; 12 doz. lots, less 25%.

KUROS MANUFACTURING CO.
BALLYMENA
Northern Ireland

Chemists' Fittings

When you want Shop Fittings it will pay you to send to

GEORGE COOK

The Chemists' Working Shopfitter.

27 Macclesfield Street, City Road, LONDON, E.C.1
40 years' experience Phone: Clerkenwell 5371 Rough Sketches free

10,000 Attractive Leaflets 27/6, 5,000, 17/6

Carriage Paid

Good, clean, bright work that will increase trade. A Post Card will bring you full information and samples.

ELLAMS & Co., 33 Hanover Street, Liverpool

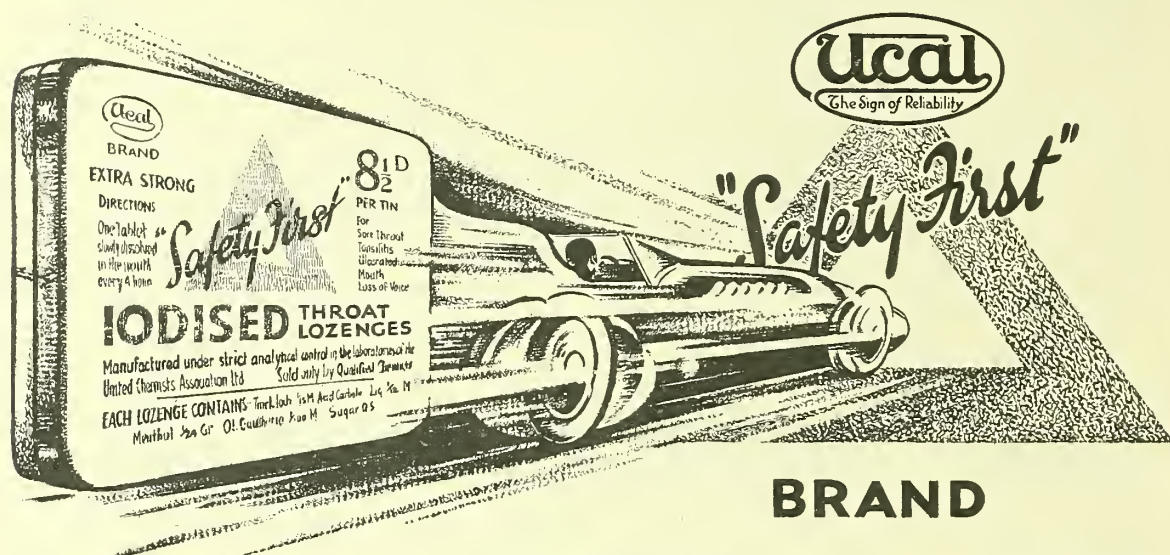
We invite your enquiries for vials, medicinal panels and other bottles. Also novelties for packing perfumes.

A BATH-SALT VASE THAT WILL SELL YOUR GOODS! JACK L.

BRITISH-MADE crystal imitation cut vase suitable for bath salts. Order now. Height 9½".
18 BASINGHALL ST., LEEDS, 1 Phone & Grams 28447, Leeds.

BARNETT

A POSITIVE WINNER!



BRAND IODISED THROAT LOZENGES

LEAD THE WAY FOR QUICK SALES
AND SUBSTANTIAL PROFITS

Order now!

Striking Display Material available on request

Terms:

8 $\frac{1}{2}$ d. SIZE

Costs . . 4/6 doz.

12 doz. 4/3



1/3 SIZE

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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

OCTOBER 28, 1933

28 ESSEX STREET, LONDON, W.C.2

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2.—CHISWICK (NEAR).—Middle- and Working-class Cash Retail Business with N.H.I. and Kodak Agency; returns approach £1,700 per annum at good prices; increasing turnover; net profit about £350 per annum; comfortable living accommodation; reasonable rent; long lease; price £950 or near offer; vendor taking over another business.

3.—EDGWARE ROAD (NEAR).—Middle-class Retail Business situate in busy main road; large N.H.I. connection; returns £2,200; extremely good profits; comfortable living accommodation; long lease at reasonable rental; price £1,500, or valuation terms entertained.

4.—BECKENHAM (NEAR).—General Retail Business situate in commanding position; returns under management last year £2,657, increasing; gross profit £973; lock-up shop, with store room behind; rent £350 per annum; held on lease; price £1,100 or offer.

5.—STEPNEY (NEAR).—Middle-class Retail Business with Kodak Agency and large N.H.I. connection; established about 80 years; returns about £1,150 per annum, of which sum over £250 is from N.H.I.; the business offers scope for increase in the hands of a younger man; comfortable living accommodation; rent £52 per annum; price £250, plus stock and fixtures at valuation, in all about £700.

6.—EALING.—Family Retail and Dispensing Business situate in good position in main road; established over 40 years; returns approach £2,300 per annum under the proprietorship of an elderly man; accountants' figures; good living accommodation, with garage; price asked £1,550, or valuation terms entertained; vendor retiring.

7.—WALTHAM CROSS (NEAR).—Mixed Retail Business with Sub-Post Office; returns about £27 per week; net profit £350 per annum; Post Office remuneration, which will increase, pays rental of £78 per annum; double-fronted shop, with very nice house and garden; price £950 or near offer; genuine reason for disposal.

8.—BIRMINGHAM (NICE CLASS SUBURB).—Middle-class Cash Business with Kodak Agency; established 1926 and run under manage-

ment since its inception; returns for year ended March, 1933, £1,457; gross profit £525; premises situate in good position; good living accommodation; rent £80 per annum; new lease; price £1,000 all-at, or valuation terms entertained.

9.—YORKS (WEST RIDING).—Old-established Retail Business with N.H.I. and small Optical connection; in present hands 30 years; returns, 1933, £1,521; optical in addition; double-fronted corner shop; vendor owns premises and would prefer to sell same; price of business £1,000, or valuation terms entertained; price of property £1,000.

10.—MATLOCK (NEAR).—Cash Retail Business situate in excellent position in busy progressive town; returns present rate £40 per week, increasing; very good profits; house available if required; vendor retiring; price £1,500, or valuation terms entertained.

11.—BUCKS (GROWING AREA).—Family Retail Business, with Newspapers, Stationery, Tobacco, etc.; established about 30 years; increasing turnover, last year being £2,661; net profit £515; double-fronted shop, well fitted and stocked; six-roomed house; rent £60 per annum; long lease; nearest opposition over a mile away; price all-at £900 or near offer; genuine reason for disposal.

12.—SURREY (FEW MILES OUT).—Good Middle-class Retail Business; in present hands 13 years; unopposed; returns this year £2,350; scope for increase; good prices are obtained; rent of shop and house £50 per annum; house sublet at £50 per annum; held on lease; further details on application.

13.—NORTH-EAST COAST (INDUSTRIAL TOWN).—Medium-class Retail and Dispensing Business; returns this year will be about £1,450; net profit over £300 per annum; good living accommodation; rent £110 per annum; held on lease; price £700, or £150 for lease and goodwill, plus stock and fixtures at valuation; vendor moving to London.

14.—HERTS (GOOD-CLASS MARKET TOWN).—Medium-class Retail Business with Kodak Agency and Medicated Wine Licence; returns this year will be about £1,600, increasing; double-fronted shop in good position; well fitted and stocked; rent £60; held on lease; living accommodation available if required; price £1,100, or valuation terms entertained; genuine reason for disposal.

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(C1) SUSSEX COAST.—Old-established high class business, situated on busy main road; turnover for 1932-1933, £2,570; but these figures should be capable of considerable increase, under personal proprietorship; 4 years ago the returns exceeded £3,500; rent £125, including good modern flat with all conveniences, etc.; lease 13 years unexpired; for a quick sale, an all-in figure of £1,550 will be accepted, or valuation terms would be considered. Further details in strict confidence, to bona fide prospective purchasers, upon application.

(C2) SOUTH COAST.—Very attractive double-fronted pharmacy, at present returning approximately £2,700 per annum, with definite prospects of a £5,000 turnover within a reasonable space of time, if fully exploited by the right type of proprietor, as abundant scope, immediately apparent upon inspection, exists for very substantial further development; reasonable purchase price; living accommodation at present sublet, but would be available if required. Good reasons for disposing. Further particulars, in strict confidence, upon application.

(C3) YORKSHIRE (WEST RIDING).—Old-established family and dispensing business, situated in leading position of prominent and progressive town; present turnover approximately £4,000 per annum, with gross profit approximately £1,600; under personal proprietorship these figures should be capable of considerable augmentation; purchase price for quick sale, £2,300, which represents little more than the value of stock and fixtures; exceptional opportunity.

(C4) WIMBLEDON (NEAR).—Drug Store with side lines, situated in rapidly growing residential suburb; very attractive modern premises, including good labour-saving house with three bedrooms, etc., and all conveniences. Present returns approximately £30 weekly, with abundant scope for extensive development; reasonable rental; long lease; good reasons for disposing; personally visited, and strongly recommended.

(C5) LONDON, WEST.—Excellent profit earning middle-class business with living accommodation, situated in busy semi-main thoroughfare; returns average between £35 and £40 weekly, and are steadily increasing; rent £95 per annum, rising to £100; lease 12½ years unexpired; good reasons for disposing, but a quick transaction is desired, and the business can be obtained at a figure representing a most excellent investment (approximately £950); alternatively, the owner is prepared to negotiate on valuation terms; further details upon application.

(C6) STREATHAM (NEAR).—Owing to special circumstances, the opportunity arises whereby an established family business in a middle-working class suburb can be acquired for a quick sale at a very low figure; turnover for last financial year £1,280; net profit to chemist-owner would approximate £375, after allowing for overhead charges; inclusive rental of shop and self-contained house with small garden, £90 per annum; lease 21 years; price £600 of which £150-£200 can remain; reasonable offers and suggestions for a quick transaction, will be considered.

(C7) KENTON (NEAR).—Modern pharmacy with living accommodation, situated in good class growing district; turnover for last financial year £1,587, and steadily increasing; excellent scope for development; purchase price, all-in, £1,200.

(C8) BRIGHTON.—Recently established business, situated in centre of town; the present returns are at the rate of approximately £1,650 per annum, and are steadily increasing; long lease; price about £500 (all-in); open to full investigation.

(C9) CENTRAL WALES.—Old-established retail business with living accommodation (optional); present returns £25-£30 weekly, with good scope for further development; rent and rates about £1 per week; a 21 years' lease will be granted from date of take over; premises situated in main thoroughfare; an immediate sale is urgently desired for genuine reasons, and for a quick transaction an all-in figure of £400 will be accepted, alternatively on valuation terms. Full details, in strict confidence, upon application. Exceptional and unique opportunity to acquire a business showing an excellent living on a capital investment totally disproportionate thereto.

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(C11) LONDON, E.—Old-established family and dispensing business situated in thickly populated working class district; good N.H.I.; returns approximate £1,200 per annum, with plenty of scope for further increase. Rent inclusive of rates, £71 10s. per annum; price, all-in, £650.

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3.—N. WEST COAST.—Light Cash Retail with good Photographic trade; returns average £1,200; main-road position; good house; fully stocked; price £900, or valuation terms arranged.

4.—DERBYSHIRE.—Light Family Retail with N.H.I., in thickly populated district; no near opposition; returns last year £1,321; rent £52; on lease; corner shop, well stocked; owner ordered South; price £800 or £200 plus valuation.

5.—DORSET COAST.—Light Family Retail with Kodak Agency; turnover averages £1,750; audited books; well-fitted shop, with good house; no near opposition; price, including freehold, £2,600.

6.—KENT COAST.—Light Retail with good Photographic, in growing district; returns about £1,000; net profit £235; lock-up shop; rent £35; 15 years' lease; price for early sale £475.

7.—NORTH MIDLANDS.—Country Drug Store; returning £675 under female management; plenty of scope; rent £20; good stock; owner retiring; price £300.

8.—PADDINGTON.—Middle-class Cash Retail with large Panel and good Photo connection; returns approx. £2,200; gross profits over 45 per cent.; books audited; main-road position; rent £150; long lease; large house; price £1,500 or offer.

9.—LONDON, E.—Old-established Cash Retail, with good N.H.I.; returns over £1,150; net profit £344; main-road position; low rent; on lease; same hands 20 years; price £250, plus valuation of stock and fixtures.

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BERKS.—This week's snip; owner retiring, wishes to dispose of genuine business; established 22 years; no opposition; returns £1,500, audited; modern shop front; main road; living accommodation; garage; Kodak Agency, large D. & P. trade, all done on premises; big scope for N.H.I.; Wine Licence; low rent; price £800; no agents. 527/24, Office of this Paper.

BIRMINGHAM SUBURB.—A smart, up-to-date Pharmacy for sale; in a thickly-populated district, with no near opposition; returns increasing yearly, and now over £1,200 per annum; low rent, lease; easily worked; N.H.I., over 7,000 per annum; books kept; every investigation; good reason for sale; no heavies; price £750 or near. 529/320, Office of this Paper.

BOURNEMOUTH (4 miles).—Improving Pharmacy; no opposition; rapidly-growing district; double-fronted shop and good house; rent only £100; turnover £1,200 per annum; only £850, all at (including stock, £300). Rumsey & Rumsey, Estate Agents, Bournemouth.

HULL.—Old-established Chemist's Business for disposal owing to retirement; light retail; all cash; returns £1,000 per annum, net profits £300 per annum; rent £36; price £650 all in; opening for N.H.I.; accountants' figures; good house, with vacant possession; corner position. 527/21, Office of this Paper.

LANCASHIRE.—Genuine Business for sale; main road; well-established; good-class trade; returns approach £1,900, all cash; small N.H.I.; excellent opening for Optics; living accommodation, or could be sublet conveniently; price £1,150, approximately. Apply, with references, to 529/13, Office of this Paper.

LEEDS.—Old-established Chemist; corner shop; lock-up; main road; industrial area; under management, owner, a widow, unable to carry on; year ending March, 1933, cash £877, N.H.I. £102; rent and rates £70; lease; must be sold; price £275 all at Marsden, Valuer, 29 Oakwell Crescent, Leeds, 8.

LIVERPOOL (near).—Sound, Old-established, Good-class Chemist's Business; well fitted and stocked; situate nice residential district; commodious house attached, all conveniences; returns £30 weekly; chartered accountant's figures; valid reason for disposal; price £900; property (vendor's own) will sell or let on lease as desired; no triflers entertained. Brierley, Chemists' Valuer, 135 Queen Street, Newton Heath, Manchester. (Tel.: Failsworth 1913.)

MIDLAND CITY (near).—An opportunity for a beginner to acquire a progressive Business on main road doing about £700 per annum, easily doubled; opened as a Chemist twelve months ago; nicely fitted and well stocked; Ucal and Kodak Agencies; good house, on lease at £65 per annum; price £450, part could remain; genuine reason for sale. 529/32, Office of this Paper.

SALFORD (Busy Main Street).—Drug Stores, established over 60 years; Kodak Dealer; run down through illness; excellent scope for N.H.I.; good living accommodation, which can be sublet; rent and rates 27s. 6d. per week clear; stock valued at £140; price £220, or nearest offer. 530/11, Office of this Paper.

SOUTHERN COUNTY.—Good-class Country Business; no heavy trade; pleasantly situated within easy reach of coast; returns £1,800, increasing; good profits; splendid house and large old-world garden; large well-fitted pharmacy; good stock; owner leaving the trade; price £1,200 cash. Berdoe & Fish, 41 Argyle Square, London, W.C.1.

SUSSEX.—Double-fronted Lock-up Shop; main road; low rent, on lease (or with living accommodation); rapidly-growing neighbourhood; nearest opposition 1½ miles one direction, 5½ other side; much neglected through age and health of owner; urgent need for N.H.I. service; great scope for increase and side lines; all in, £400, or near offer for quick sale. 530/2, Office of this Paper.

YORKSHIRE.—Old-established business in Market Town; Family, Agricultural and Photographic; best position in town; large turnover at good profits; almost unlimited scope; owner retiring; capital required £4,000; particulars to buyers only. 527/25, Office of this Paper.

YORKSHIRE (West Riding).—Established over 10 years; no opposition; returns £1,400, increasing; Kodak and Selo Agency; Medicated Wine Licence; good N.H.I.; scope for Optics; good house attached; £500, plus valuation stock and fixtures. 530/3, Office of this Paper.

AN OLD-ESTABLISHED City Business to be disposed of at a moderate price; West country. 529/4, Office of this Paper.

DRUG Store; country; main road; healthy, rapidly growing locality in Suffolk; easy ingoing, small takings; good shop and living accommodation; reasonable rent; no opposition. 522/7, Office of this Paper.

FOR SALE.—Good, going Drug Store in good position; small rent; on South Coast; stock and fittings est. £400; bargain. 230/268, Office of this Paper

FOR Sale, or to Let, with fixtures, well-fitted double-fronted Chemist's Shop; a good opening for a live man; in a North-West industrial town, population 63,000; stock optional. Apply in first instance to 528/36, Office of this Paper.

RETAIL AND DISPENSING BUSINESS ON SOUTH COAST.—Established 70 years; approximate returns £2,000; good house, garden, side entrance; on main road; lease 16½ years to run; rent £120; rates £40; goodwill, lease, fixtures, electric light fittings, £1,450; stock at valuation. Apply Senna, c/o B.D.H., Ltd., Graham Street, City Road, London, N.1.

£350 GOODWILL, stock and fixtures at valuation; unopposed business in growing outskirts of Bournemouth; established nearly 5 years; turnover £1,300; 10 years to run at £100; opening for Optics; owner leaving retail; must clear. R., c/o 150 Strouden Road, Bournemouth.

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LONDON or Southern Counties.—Cash purchaser waiting for genuine Retail Business returning upwards of £3,000 per annum; living accommodation preferred but not essential; a good price will be given; client has just sold his own two businesses. Write or telephone Orridge & Co., 56 Ludgate Hill, E.C.

MANCHESTER DISTRICT.—Business required with turnover of £2,000 or more; any type considered. Send full particulars (in strict confidence) to 530/25, Office of this Paper.

MANCHESTER (or near).—Genuine Business wanted; nett profits at least £7; must bear careful investigation; all particulars treated in strict confidence. 230/262, Office of this Paper.

CASH Buyer waiting to purchase a good Medium-class Business, preferably in the South; returns at least £2,500 per annum; living accommodation wanted; purchaser just sold his own business in London; capital available £2,000. Write or telephone Orridge & Co., 56 Ludgate Hill, E.C.4.

GENUINE Retail Business wanted in congenial locality; coast not objected to; must have comfortable living accommodation; two in family; net profit required about £350 per annum; purchaser has just sold his business in South London; capital available £800-£900. Write or telephone Orridge & Co., 56 Ludgate Hill, E.C.

REQUIRED by private Chemist, sound business, with or without branches, showing genuine nett profit of £800-£1,000 per annum; must bear closest investigation; all replies treated in strict confidence. 528/4, Office of this Paper.

REQUIRED immediately by private Chemist, sound, genuine business in or near to London showing returns of £4,000 per annum or upwards; capital up to £5,000 available for immediate purchase, and negotiations can be entered into without delay; all replies treated in strict confidence; bankers' references if required. 230/265, Office of this Paper.

WANTED, at once, sound, genuine Good-class Business; net profit not less than £400; must bear strictest investigations; healthy district, Southern or Eastern Counties, or south port; negotiations can be entered into at once. Full particulars in confidence to 530/27, Office of this Paper.

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BAKER STREET, W. (off).—Splendid opening for Chemist; capital shop, 17 ft. by 40 ft., and basement, available in Berkeley Court, the newly-erected magnificent block of flats almost opposite Baker Street Tube Station; rent £300 per annum. Apply sole Agents, Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Telephone: Mayfair 7666.

WEST MIDLANDS.—Modern residential shop to let, suitable for enterprising Qualified Chemist (nearest competitor 1 mile away); has been run as a Photographic Drug Store for short time (Kodak Agency); fine scope for N.H.I. work; only small amount of stock and fittings to be taken to. 527/20, Office of this Paper.

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Two complete ranges of Chemist's Shopfittings, Drug Runs, Plate Glass Counters, Silent Salesmen, Mirrors, National Cash Register and other Tillis, Glass Shelves, Display Stands, Safe, Office Furniture, Typewriters, Chairs, &c.

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12 GALLONS EAU DE COLOGNE SPIRIT; QUANTITY OF ESSENTIAL OILS; 2 cwt. Artificial Cocoa Butter; 50 lbs. Powdered Gum Tragacanth; Quantity of Pharmaceutical Fats; Large Quantity of Drug Pots; OFFICE FURNITURE, &c.

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On view day prior and morning of sale. Catalogues of the Auctioneers, 62a Aldersgate Street, and Hare Court, London, E.C.1.

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CAPITAL required for the production and exploitation of a treatment for septic poisoning in various forms. The remedy consists of two antiseptics, one for internal administration and another for external application. A proof of efficiency is offered by treatment of test cases selected by interested principals. Full details to principals or their agents only. Write in the first instance to 528/24, Office of this Paper.

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M.P.S. WHO is an experienced Advertising Man and "Copy" Writer willing to join forces with a London Chemist with a view to development of wholesale trade in proprietaries; assistance in retail if necessary. 530/5, Office of this Paper.

AGENCIES.

SALES MANAGER or Representative, well known to the trade, energetic and conversant with all branches, requires to get in touch with firms wishing to be represented, or would take over entire sales management. 230/264, Office of this Paper.

TO MANUFACTURERS.—Advertising without distribution cannot pay. Have you a reliable product with large sales possibilities requiring distribution amongst Chemists and Stores, but do not require to maintain your own sales force? An organisation is now in formation to take care of just that problem, managed and staffed by experienced men with first-hand knowledge of the trade. Only business from first-class firms will be entertained. Write in confidence to P.C.B. 95/20, Office of this Paper.

WANTED.—Agents or Travellers, all districts (except London and Home Counties, Liverpool and East Coast to Humber) to sell well-established rat and mice poison; high commission; counter-display cases, showcards and handbills; attractive terms to retailers; agents wanted for foreign countries. Adan, Manufacturing Chemist, 60 George Street, Aberdeen, Scotland.

DIRECTORSHIP.

PROPRIETOR of good, old-established country business who is converting same into a private limited company is desirous of meeting Qualified Man, age under 30, who would take an active directorship in the concern; share qualification required, £500. 229/259, Office of this Paper.

BUSINESS CHANGES

THE business of the late Mr. C. Cutcliffe, of Dawlish, having been acquired by Messrs. Boots Limited, any accounts outstanding prior to October 17 should be rendered to the deceased's Solicitors, Messrs. Tozer, Edwards & McMurtrie, Dawlish.

APPRENTICES.

WANTED.—An Apprentice, good education, smart appearance, passed necessary exam. for registration; interview if possible; full facilities for study. Bray, Haywards Heath, Sussex.

WANTED, Apprentice.—C. & P. James, Ltd., Cheltenham, have vacancy for pupil in Pharmacy; experience in General and Hospital Dispensing, Developing and Printing works; two years' indenture if Preliminary scientific examination passed, or three years' if entrance examination only; facilities given to attend technical college.

YOUNG Lady (age 17) desires apprenticeship in or near Newcastle-on-Tyne; Registered B.P.S. Apply Renée Carruthers, 53 Osborne Avenue, Jesmond, Newcastle-on-Tyne.

SITUATIONS OPEN.

RETAIL (HOME).

CHESHIRE Chemist requires a Junior or Improver (male) at once; must be a good Window-dresser and obliging Counter manner. 530/15, Office of this Paper.

DEVONSHIRE.—Assistant, with knowledge of business, capable of canvassing village shops with small motor van four days weekly; other two days assist in pharmacy. Reply, stating age, height, experience, references and salary required, to "Norseman," 528/31, Office of this Paper.

HAMPSTEAD, N.W.—Assistant required for Wednesdays from 3 p.m., Unqualified, gentleman; good-class business; experienced Dispenser and Counterman essential; one who can give other spare time if possible during week or week-ends; aged 23-50 years; salary by arrangement. 230/270, Office of this Paper.

LONDON.—Male Surgical Assistant (25-35) required; first-class experience essential. Apply personally or by letter to Staff Controller, Harrods, Ltd., 44 Hans Crescent, S.W.1.

LONDON (near).—Capable and energetic Manager required for new business; must be good Salesman and Window-dresser; sound references necessary; modern self-contained flat above shop if wanted. Apply, giving full particulars and salary required, to 230/266, Office of this Paper.

LONDON, S.E. Suburb.—Qualified Manager required for branch; living accommodation over premises. Apply, giving full particulars, to 530/7, Office of this Paper.

LONDON, S.W.—A Qualified Assistant, about 26, accustomed to West End Dispensing, required for about 2 months. Apply Messrs. Amore & Co., 173 Sloane Street, S.W.

SOUTH COAST.—Wanted, trustworthy elderly Qualified married gentleman to reside on premises, giving part-time assistance in return for accommodation and small salary; position suitable for one wishing to augment income with light occupation; applicants please state age, experience, &c. 529/5, Office of this Paper.

EXPERIENCED Lady, good Window-dresser; no Dispensing. Apply D. Lyon, c/o 18 Formosa Street, London, W.9.

JUNIOR Assistant; all-round experience; energetic worker; excellent references; salary moderate to commence; good prospects and permanency to right man; only applicants near London need apply; Southern Englishman preferred; full particulars, photo (if possible), first letter. 529/29, Office of this Paper.

JUNIOR Assistant or Improver, must have been trained in high-class Dispensing business; facilities and time for study; apply by letter giving full particulars and salary required; applications unanswered 7 days declined with thanks. Chas. Lowe & Co., Surbiton.

JUNIOR Assistant required for 6 months, Unqualified, an Assistant having recently completed apprenticeship would be suitable. Apply with usual particulars and salary required, outdoors, to C. J. Reid, 30 High Street, Eton.

LADY Assistant required; Qualified preferred but not essential; must have dispensing knowledge; for N.W. London district; no Sunday work. 527/22, Office of this Paper.

QUALIFIED Man to manage small branch. Full particulars as to salary, experience, &c., by letter only, in first place, to "W." 21 Park Avenue, Worthing. Applications not answered in 5 days respectfully declined.

QUALIFIED Lady wanted immediately for West-End Pharmacy; must be accurate and reliable Dispenser; easy hours; no Sunday duty; applicants must state age, experience and salary required, also enclose stamped addressed envelope for reply. 528/21, Office of this Paper.

QUALIFIED Manager wanted, November 6; good Window-dresser. Prescriber; experienced in Photography and Agricultural Chemistry; only conscientious, honest worker entertained. Write giving full particulars of age, experience and salary required, to Ife, High Street, Maldon, Essex.

SALARY £350 per annum, plus commission; experienced Qualified Chemist required as Manager for West End shop; previous experience as Manager and good all-round knowledge of Buying and Window-dressing essential; applications, which will be treated in strict confidence, should give full particulars of previous experience. Apply 527/220, Office of this Paper.

UNQUALIFIED Assistant for high-class Dispensing business, age 35/40; previous experience in good-class businesses essential; undeniable references; photograph; personal interview preferred; state height and salary required. Hickman & Metcalf, Market Place, Newbury.

UNQUALIFIED Lady (age 25-30); West of England; permanency; experienced Toilet and Fancy Goods sales; quick; accustomed good-class Pharmacy; Dispensing experience not essential; photo, fullest particulars first letter. 529/37, Office of this Paper.

WANTED.—Qualified Chemist-Optician, with J.C.Q.O. qualification; immediately; only experienced need apply, stating full particulars and salary required; enclose photo, if convenient. 498/24, Office of this Paper.

WANTED at Once, Qualified Lady Assistant for Pharmaceutical Department; must have good retail experience, good Window-dresser and accurate Dispenser. Applications stating age, experience, wages required and names for two references to Doncaster Co-operative Society, Ltd., 1 John Street, Doncaster, not later than October 31. Envelope endorsed "Chemist." Canvassing members of the Management Committee will be a disqualification.

WANTED.—Unqualified Assistant (male, 35-45); married; for Dispensing Counter; good experience in Dispensing essential; to live in; flat provided; state age, experience, and salary required. "Chemist," 31 Green Lane, Northwood, Middlesex.

WHOLESALE.

LONDON Traveller required by small but progressive Chemists' Sundriesmen; small salary and commission; good connection handed over to reliable man prepared to work hard. 250/267, Office of this Paper.

ASSISTANT Chemist, with Pharmaceutical and Analytical experience, required by Wholesale Druggists. Full particulars (and remuneration) to 230/269, Office of this Paper.

ADDITIONAL Line offered Representatives calling on Chemists and Hairdressers; only first-class Salesmen need apply, stating ground covered, lines carried (in confidence) and number of accounts; this proposition offers really good opening. Write 529/9, Office of this Paper.

MEDICAL Representation.—A vacancy occurs on the staff of a leading firm for a young Pharmacist to call upon doctors in London to introduce biological and medical specialities; applicants need to have had experience in high-class pharmacy. 229/260, Office of this Paper.

REPRESENTATIVES in the Provinces wanted for Ladies' Toilet products; expenses, drawing account and good rate of commission for nationally advertised products; good connection for men who can do required turnover; certain minimum turnover essential to secure continuous engagement. Also Representative for London required for Hairdressers and Allied Trades. 230/261, Office of this Paper.

SALES organisation requires Representatives in all areas; state territory covered and lines carried at present or previously; Salesmen requiring full-time occupation specially invited to send particulars, 530/12, Office of this Paper.

SOUTHALL BROS. & BARCLAY, LTD., Birmingham, require a qualified Representative for the Eastern Counties. Apply with full particulars, experience, age, &c., to Priory House, Birmingham.

TRAVELLERS, already calling on Chemists, wanted for well-advertised article, as side-line. Write 42 Blenheim Road, Upper Holloway.

COLONIAL, INDIAN AND FOREIGN.

CHEMIST FOR THE EAST.—QUALIFIED Assistant (22-24); gentlemanly appearance and address; good Salesman and Dispenser; single; 4 years' agreement; passage paid out and home. Full particulars, with photo if possible and copies of testimonials, to Box U 676, Willings, 133 Moorgate, E.C.2.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.A.A.—WINNING Salesman; accurate, speedy Dispenser; keen amateur Photographer; Assistant's post desired in London pharmacy; interview asked. M.P.S. (25). 528/35, Office of this Paper.

A.A.A.—QUALIFIED Manager or Assistant, experienced in all branches; excellent Window-dresser and Dispenser; City experience; highest references; disengaged. J. Simmons, 60 Pennard Road, Shepherd's Bush, W.12.

A.—QUALIFIED (29) requires position as Manager or Senior; last post Manager; 11 years' experience; free now; London preferred. Chemist, 79 Cedar Lawn Avenue, High Barnet.

A CAPABLE Qualified Assistant, Lady (25); good general experience; London preferred; disengaged. C., The Elms, Horsell Park, Woking.

A JUNIOR Improver, Lady, tall and good appearance, requires situation in or near Bristol; good Dispenser and Counter hand. Western, 7 Tyne Road, Bishopston, Bristol.

A QUALIFIED Experienced Man (25) seeks position anywhere; well educated; excellent references; disengaged. "Chemist," 330 Wells Road, Bristol.

A QUALIFIED Manager, over 20 years' experience, requires position London or Suburbs. Davies, 109 Alexandra Drive, Surbiton, Surrey.

A QUALIFIED Man (25), tall, desires permanent progressive situation anywhere; good Dispensing and Retail experience; provincial and seaside. 529/28, Office of this Paper.

A REFER (Pharmacy) (22); 5½ years' experience Dispensing, Counter; Photography; London experienced; tall. "Refer," 13 Burnley Road, Stockwell.

A SQUARE-TRAINED, efficient M.P.S. (26) seeks post with responsibility; excellent all-round experience in Monmouthshire and various London districts; capable Dispenser, Salesman and Window-dresser; interview. Morgan, 62 Marylands Road, Malda Vale, W.9. Abercorn 3666.

A TRUSTWORTHY business man seeks permanent or temporary berth anywhere, as Senior; Unqualified; experienced and reliable Dispenser and Prescriber; good personality. March, "Keswick," Manor Lane, Sunbury-on-Thames.

A S LOCUM, Manager or Assistant, "not registered"; over 30 years' London experience; whole or part time; Counter, Bookkeeper, Dispensing and worker; London only. "Prescriber," 130 Scott-Ellis Gardens, N.W.8.

A ADAPTABLE, fully experienced Unqualified Assistant, tall, gentleman, seeks good position; especially keen Display and Salesman (those requiring cheap labour need not reply). P.C.B. 95/18, Office of this Paper.

"ADAPTABLE" (24), Qualified, requires situation; nine years' experience; near London preferred; efficient and reliable. 8 Addington Street, Margate.

ASSISTANT, Unqualified, seeks situation, whole- or part-time; 3 years apprentice and 1 year as assistant; smart Counterman and quick Dispenser; has been out of the business for a year and would welcome fresh start at moderate salary. H. Jacobson, 61 Chatsworth Road, Brondesbury, N.W.2. 'Phone: Willesden 6625.

ASSISTANT; very experienced Counter, Dispensing and shop routine; temporary or permanent. Miss Swan, Ashley House, Endsleigh Gardens, W.C.1.

ASSISTANT, Unqualified (26); all-round experience; four years present berth; unmarried; any time. Rosser, 19 Limes Avenue, Waddon, Croydon.

ASSISTANT (20) requires situation one year, London or Essex; good references. Martin, Queen's Park Road, Harold Wood, Romford.

BIRMINGHAM or Midlands preferred, but not essential; thoroughly experienced; as Manager or Assistant; locum work undertaken. Hanley, 64 Hunters Road, Birmingham.

BRANCH Manager, Qualified; long successful record; satisfaction conclusive; disengaged through disposal; ex-married. "Stanley," 60 Second Avenue, West Thurrock, Grays.

BRISTOL—Qualified Lady (31) desires post; some years' experience of branch managing. 527/35, Office of this Paper.

CHEMIST (23) requires permanent position; Southampton-Winchester district preferred; good experience and references. 45 Emsworth Road, Portsmouth.

DISENGAGED, Locum or Permanent; town or country; experienced, reliable; well recommended. Chemist, 56 Rudloe Road, Balham, S.W.12.

DISPENSER, Lady, Hall, desires part-time work, Doctor, Institution or Chemist; mornings or evenings; Book-keeping, Accounts; N.W. London; good testimonials. 509/16, Office of this Paper.

EDUCATED Lady M.P.S., with English and Continental experience, desires Managing or Dispensing position. 230/265, Office of this Paper.

EVENING post required by Qualified Man; highest references; recently disposed of own business. P.C.B. 95/6, Office of this Paper.

F.M.S.C. F.B.O.A., J.C.Q.O. (34), extensive experience in all branches of Pharmacy and Optics, desires change; position of trust; capable of taking charge; excellent references; Southern Counties preferred. 529/39, Office of this Paper.

JUNIOR (19, tall), accustomed to good-class business; free October 31. 19 Clinton Avenue, Manchester, 14.

LADY Assistant; experienced Drugs, Toilet and Perfumery, Window-dressing; disengaged. "Advertiser," 12 Hillcrest Road, Acton, W.3.

LADY Dispenser-Book-keeper (Doctor's daughter) requires post in Newcastle or near; good experience and testimonials. 527/7, Office of this Paper.

LADY Dispenser (20), Hall Certificate, desires post with Doctor; Book-keeping, &c.; willing drive car; capable, keen; Newport (Mon.) or London district. Miss Sandon, 38 Kensington Place, Newport, Mon.

LADY Dispenser; part-time; Hall Qualification; experienced Chemist, Hospital; young; East, City or West. Vicarage, 400 Commercial Road, East. (East 1739.)

LADY, M.P.S., requires part-time employment; excellent all-round experience and references. Pharmacist, 5 Randolph Gardens, N.W.6.

LADY M.P.S. (26) desires full-time, part-time or locum post in London; excellent references; free now. 530/8, Office of this Paper.

LADY, Qualified (21), Chemist's daughter, desires post; Counter, Dispensing and Photographic; North preferred. Usher, Central Pharmacy, Amble, Northumberland.

LADY, Qualified, requires post; ten years' London experience; knowledge of Continental Pharmacy and Dispensing, and shop management. Chemist, 10 Temple Fortune House, N.W.11.

LOCUM or Part-time, Qualified; competent, reliable, registered N.P.U.; 20 years' experience, mostly West End. Pharmacist, 18 Stanway Gardens, Edgware.

LONDON; Young Qualified Assistant desires change, not E. or S.E.; medium class; free one month; sound references. "Aspro," 522/39, Office of this Paper.

MANCHESTER or District.—Assistant, tall, 4½ years' experience in Dispensing, Window-dressing, Stock-keeping and General Counter routine. "Unqualified," 3 Clara Street, Oldham.

M.P.S. Square trained; expert Window-dressing, Photography, foreign Dispensing; able to organise, control staff; wishes position as Manager or Assistant; anywhere; recently owner of business. M.P.S., 61 Victoria Park Road, London, E.9.

M.P.S. (36); matriculated; married; seeks permanency, London; six years' management last position; experienced; trustworthy; good personality; good references; now free. Girgis, 213 North End Road, West Kensington, W.14.

NURSE-DISPENSER (Hall) requires post with Doctor or Hospital, London or suburbs; permanent or locum. E. S., 169d Gloucester Terrace, W.2.

QUALIFIED Assistant (23) requires position; Dispensing, Counter, Window-dressing, &c.; excellent references; disengaged. "Zingiber," 41 Stephens Road, Tunbridge Wells.

QUALIFIED Chemist and Optician (28); single; present situation 4 years; requires post as Manager offering scope for advancement; excellent Window-dresser and Dispenser; keen Photographer; good Counterman and Prescriber; experienced town and country; honest and reliable; hard worker; well educated, good address; one month's notice required; splendid references. 527/23, Office of this Paper.

QUALIFIED Chemist (47) desires position as Manager; married; thoroughly experienced in managerial capacity and business routine; accustomed to good-class family trading. 529/2, Office of this Paper.

QUALIFIED, elderly, active, healthy, much business and Hospital experience; good Dispenser and Prescriber; Public School education; disengaged next week. Haynes, 72 Alexandra Road, St. John's Wood.

QUALIFIED; excellent testimonials; experienced Dispenser; middle-aged; energetic; small salary; disengaged; London only. Alex. Wilson, 14 Percy Circus, London, W.C.1.

QUALIFIED, experienced, reliable, trustworthy; good references; free November 6. Harris, c/o Watt, Chemist, Burnham-on-Crouch, Essex.

QUALIFIED, Locum (26); City, town, seaside, country experience; trustworthy and capable; disengaged; long or short period; any distance. Chemist, 1 Windsor Place, Fleetwood, Lancs.

QUALIFIED, Locum, now free after summer engagements; capable Manager, Dispenser; well recommended. Particulars, Chemist, 20 Streatham Hill, S.W.2.

QUALIFIED Manager wishes change; good Organiser, Salesman, Window Specialist, Showcard Writer; 13 years' varied experience. 528/14, Office of this Paper.

QUALIFIED, Manager or Assistant, good experience, seeks permanency; low salary, with living accommodation. Cragg, 2 Raeburn Road, Northampton.

QUALIFIED, middle-aged, married; full or part-time; good experience. J. M., 29 Cantley Road, W.7.

QUALIFIED (21), tall, desires further experience with Chemist-Optician; initiation into Optics considered as part remuneration; excellent references. Vogt, Briarley, Kentrigg, Kendal.

QUALIFIED (40), locum or permanency; 15 years W.E.; reliable, trustworthy; disengaged; anywhere. Chemist, 477 North Circular Road, Cricklewood, N.W.2.

QUALIFIED (30), Northern Ireland, seeks post (England) as Assistant; all-round experience; 4 years manager; abstainer. 529/38, Office of this Paper.

QUALIFIED (25), Scot, tall, experienced all branches; accurate Dispenser, Photography, Window-dressing; London and country; as Assistant or Manager. 529/6, Office of this Paper.

QUALIFIED (22), experienced private and N.H.I. Dispensing, desires post as Assistant. W. Hanky, 23 Valley Road, Liverpool, 4.

QUALIFIED (44), married; excellent references and experience; permanency; with or without house; London or near. Pharmacist, 73 Knatchbull Road, Camberwell, S.E.5.

QUALIFIED (35); experienced all branches; as Manager and Senior. Phone Rodney 2719. Chemist, 50 Grove Lane, Camberwell, S.E.5.

QUALIFIED (22); Chemist's son, "Square trained," seeks further experience; London preferred but not essential. Knight, Wincanton, Somerset.

QUALIFIED (24) seeks permanency, Manager or Assistant; capable organiser and staff controller; 8 years' experience Seaside and West End; excellent references; disengaged. Fudge, "Alpha," Queen's Road, Blandford, Dorset.

UP-TO-DATE Unqualified Assistant (39); sound West End and Provincial references; good Dispenser; Attractive Window and Counter Display. "Skilled," 528/20, Office of this Paper.

UNQUALIFIED Assistant (21); reliable Dispenser and Counterman; excellent training and references. S. Law, Brenda, Margate Road, Ramsgate.

UNQUALIFIED Assistant (Lady); 11 years' experience; Dispensing, Counter, Window-dressing; competent and reliable Liverpool-Chester district preferred. 528/29, Office of this Paper.

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PHARMACIST WITH 30 YEARS' EXPERIENCE,

and sound standing, being compelled to decline own business (with branches) owing to renewal of leases being refused—owner requiring premises for own use—seeks

Responsible Post, at Salary Equitable to His Ability, as General Manager to Firm of Retail Chemists with Branches, or as buyer for Wholesale House. Well known to practically all Firms dealing with Pharmacists. Competent Organiser of Staffs, etc. Offers invited from those genuinely interested **ONLY.**

529/35, Office of this Paper.

WHOLESALE.

A YOUNG Qualified Chemist, 7 years' technical and sales experience with leading manufacturing house, wishes to obtain a more progressive post where such knowledge can be efficiently utilised. 528/22, Office of this Paper.

A N UNQUALIFIED Gentleman; exceptional experience (30); 6 ft. 4 in.; desires represent reputable firm; own car. P.C.B. 95/17, Office of this Paper.

A DVERTISER, with many years' experience retail, seeks change to represent firm of standing; keen Salesman; own car if required; Western Counties; commission only not entertained; interview anywhere. 530/10, Office of this Paper.

A MBITIOUS Gentleman (age 27), 10 years' retail experience, desires position as representative to wholesale house; resident Bristol. 528/17, Office of this Paper.

B ALLARD, 174 Shrewsbury Street, Brooks Bar, Manchester, open representation Lancashire, Cheshire, Wales, West of England; 20 years' connection Wholesale, Retail, Chemists, Perfumers, Stores, Co-ops.; handling well-known proprietaries.

E SSENCE, Perfumery, Toilets; experience in manufacturing knowledge of Essential Oils, Wets, dries, Packed Goods, Stock-keeping, Office and Warehouse duties; good references. S., 269 Sherrard Road, Manor Park.

E XPERIENCED Representative (37); Qualified Chemist; good connection Chemists, Dentists and Doctors, including propaganda; London and Home Counties; own car. 528/33, Office of this Paper.

N ORTHEN IRELAND.—Agent with good personal connection amongst Chemists seeks position with reputable firm. 528/30, Office of this Paper.

Q UALIFIED Chemist (23), single, desires progressive position with good London house, preferably with ultimate prospect of going abroad. 528/11, Office of this Paper.

Q UALIFIED Chemist (22), tall, requires progressive position with Manufacturing Chemists; articles served with Manufacturing Chemists; disengaged. W. H. S., Derby Villa, Pill, Bristol.

R EPRESENTATIVE.—Gentleman (32) seeking advancement desires to represent Wholesale House, Drugs or Sundries; 16 years' retail experience; highest credentials; salary and commission; reply in confidence. 527/15, Office of this Paper.

R EPRESENTATIVE desires re-engagement; 14 years' connection with wholesale stores and retailers London and suburbs; Toilet Goods and Sundries. Write 530/18, Office of this Paper.

R EPRESENTATIVE, prize record and sound connection with Chemists, Hairdressers and Departmental Stores, desires position with house of repute; excellent references; or first-class Agencies. 229/254, Office of this Paper.

T RAVELLER, with many years' experience and first-class connection in London, Southern and South-Western Counties, seeks position with firm or would be willing to take up two good agencies on basis of part expenses and commission; own car. P.C.B. 95/11, Office of this Paper.

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B ELGIAN Pharmacist requires situation, England or Continent; most fluent English, French, Italian, German, Dutch; excellent references; cosmopolitan experience; active, accurate Dispenser. Théo Maenhout, Somerghem, Belgium.

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N ATIONAL Cash Register for Sale; condition good; bargain price. Write R. Clark, 1 Guildford Road, Walthamstow, E.17.

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L IMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive Fee. Advice free. **A. B. SLACK, 721 Princess Road, West Didsbury, Manchester.**

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P ORTABLE Optical Trial Case wanted; particulars and price. 528/2, Office of this Paper.

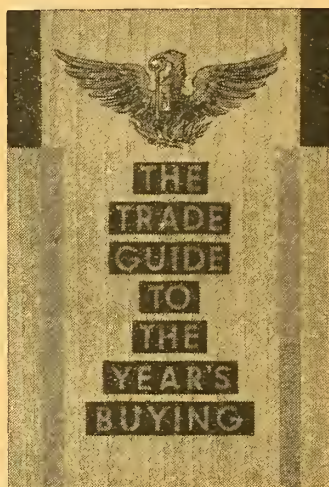
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On receipt of addressed Post Office Wrappers (not more than six at a time) stamped 1d. the Chemist and Druggist Supplement will be forwarded without cost.

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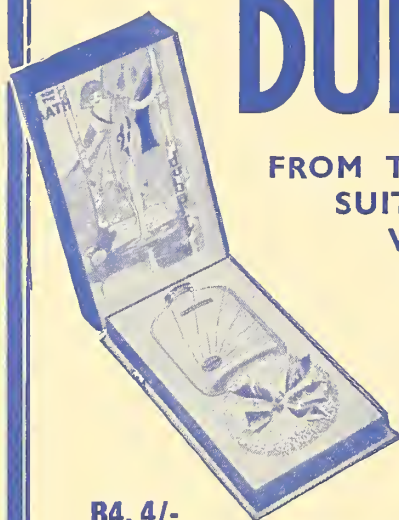
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